CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Office and store, Chicago, Ill., Wacker-Wells Building Corp. having plans prepared, $6,000,000.

Manufacturing, Gainsville, Ga., Johnson & Johnson making plans, $3,500,000.

Roads, Brownsville, Tex., Cameron Co. plans election, $3,000,000.

Sanatorium, San Antonio, Tex., A. Urrutia and associates purchased site, etc., $2,000,000 to $3,000,000.

Fire station, Los Angeles, Calif., plans election, $2,500,000.

Office, Pittsburgh, Pa., Bd. Comrs., Allegheny Co., having plans prepared, $2,100,000.

Paving, Los Angeles, Calif., making plans $1,850,000.

Exchange, Buffalo, N. Y., New York Telephone Co. having plans prepared, $1,500,000.

Office, Chicago, Ill., I. M. Mills made plans and soon takes bids, $1,500,000.

Hotel, Cleveland, O., Owner, c/o S. Kaplan, having preliminary plans prepared, $1,500,000.

Apartment, New York, N. Y., Five Hundred Eighty-Five West End Ave. Corp. making plans, $1,250,000.

Apartment hotel, Chicago, Ill., J. L. Simpson and others having plans prepared, $1,250,000.

Sewer, St. Louis, Mo., Dept. Pub. Serv. making preliminary plans, $1,060,000.

Irrigation, Texas, Karnes City Irrigation Dist. plans election soon, $1,000,000.

Art museum, Kansas City, Mo., City making plans, $1,000,000.

Hotel, Minneapolis, Minn., Keith-Properties, Inc., making plans, $1,000,000.

Apartment, Seattle, Wash., L. N. Rosenbaum preparing plans, $1,000,000.

Bids Desired

Continuation school, Milwaukee, Wis., Nov. 4, by Bd. Industrial Educ., $1,000,000.

Contracts

Power plant and paper mill, Ontario, Can., Spruce Falls Power & Paper Co. to Morrow & Beatty, Ltd., $12,000,000.

Power plant, Badin, N. C., Tallahassee Power Co. to Southern Power Co., $12,000,000.

Warehouse and cold storage plant, Montreal, Que., Montreal Rail & Harbor Terminal Ltd., to Park-Lap, Inc., $5,000,000.

Office, Syracuse, N. Y., Bando Realty Co. to H. J. H. Taylor Constr. Co., $3,400,000.

War memorial, Indianapolis, Ind., Indiana War Memorial to Hunkin Conkey Constr. Co., $1,500,000.

Hotel, Pittsburgh, Pa., Roosevelt Hotel Co. to Landan Bros. Constr. Co., $1,500,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Nov. 5	Long Island City, N. Y.	Oct. 28
Nov. 8	Detroit, Mich.	Nov. 4
Nov. 9	Chicago, Ill.	Nov. 4
Nov. 9	Phila., Pa.	Nov. 4
Nov. 9	Long Island City, N. Y.	Nov. 4
Nov. 10	High Point, N. C.	Oct. 28
	Adv. Oct. 21 to Nov. 4.	
Nov. 10	Corning, Ark.	Oct. 28
Nov. 10	Blackwell, Okla.	Nov. 4
Nov. 12	Collinsville, Ill.	Nov. 4
Nov. 12	Long Island City, N. Y.	Nov. 4
Nov. 17	Baltimore, Md.	Nov. 4
Nov. 23	Kernesville, N. C.	Oct. 28
Dec. 20	New Orleans, La.	Oct. 21
	Adv. Oct. 21 to Nov. 4.	

Sewers

Nov. 5	Xenia, O.	Oct. 21
Nov. 8	Milwaukee, Wis.	Oct. 28
Nov. 9	Lynn, Mass.	Oct. 21
Nov. 9	Newark, N. J.	Nov. 4
Nov. 10	Los Angeles, Calif.	Nov. 4
Nov. 10	Huron, S. D.	Oct. 21
Nov. 10	Birmingham, Ala.	Oct. 7
Nov. 10	Midland, Pa.	Oct. 28
Nov. 10	Brooklyn, N. Y.	Nov. 4
Nov. 10	Blackwell, Okla.	Nov. 4
Nov. 15	Pikesville, Md.	Oct. 21
Nov. 15	Medford, Okla.	Nov. 4
Nov. 17	Maplewood (br. St. Louis), Mo.	Nov. 4
Nov. 17	Thomasville, N. C.	Nov. 4
Nov. 18	Mamaroneck, N. Y.	Nov. 4
	Adv. Nov. 4.	

Bridges

Nov. 5	New York and Pennsylvania	Oct. 21
Nov. 8	Dayton, O.	Oct. 28
Nov. 9	Clarksdale, Miss.	Nov. 4
Nov. 12	Columbus, O.	Nov. 4
Nov. 15	New Jersey	Oct. 28
	Adv. Oct. 28 and Nov. 4.	
Nov. 15	Los Angeles, Calif.	Nov. 4
Nov. 23	Clearwater, Fla.	Nov. 4

Excavation, Drainage, Irrigation, Levees, River and Harbor

Nov. 9	Blytheville, Ark.	Nov. 4
	Adv. Nov. 4	
Nov. 10	Newark, N. J.	Nov. 4
Nov. 10	Quincy (Boston P. O.), Mass.	Nov. 4
Nov. 15	Gulfport, Miss.	Oct. 28
Nov. 16	Rochester, N. Y.	Oct. 21
	Adv. Oct. 21 to Nov. 4.	
Nov. 16	Arkansas	Oct. 28
Nov. 18	Louisiana	Oct. 28
Dec. 1	Copenhagen, Denmark	July 15

Streets and Roads

Nov. 5	Pennsylvania	Oct. 21
Nov. 5	New York, N. Y.	Oct. 28
Nov. 8	Indianapolis, Ind.	Oct. 28
Nov. 8	New Jersey	Oct. 21
Nov. 8	West Virginia	Oct. 21
Nov. 8	Magnolia, Miss.	Oct. 28
Nov. 9	Buffalo, N. Y.	Oct. 28
Nov. 9	West Virginia	Oct. 21
Nov. 9	Rochester (mail Marion), Mass.	Nov. 4
Nov. 10	San Antonio, Tex.	Nov. 4
Nov. 10	Baltimore, Md.	Nov. 4
Nov. 10	Nevada	Oct. 28
Nov. 10	Brooklyn, N. Y.	Nov. 4
Nov. 10	Cincinnati, O.	Nov. 4
Nov. 10	South Carolina	Nov. 4
Nov. 10	Rogers, Ark.	Nov. 4
Nov. 11	Louisiana	Oct. 28
Nov. 11	West Virginia	Oct. 21
Nov. 11	New York, N. Y.	Nov. 4
Nov. 12	Emporia, Kan.	Oct. 21
Nov. 12	Tennessee	Oct. 28
Nov. 13	Olathe, Kan.	Oct. 28
Nov. 15	Goldsboro, N. C.	Nov. 4
Nov. 15	New Jersey	Oct. 28
	Adv. Oct. 28 and Nov. 4.	
Nov. 15	Kansas City, Kan.	Nov. 4
Nov. 15	Los Angeles, Calif.	Nov. 4
Nov. 16	Arkansas	Oct. 21
Nov. 16	Alabama	Oct. 28
Nov. 18	Louisiana	Oct. 28
Nov. 18	Louisville, Miss.	Oct. 28
Nov. 19	Kentucky	Oct. 21
Nov. 22	Olathe, Kan.	Oct. 28
Nov. 22	Eddyville, Kan.	Oct. 28
Nov. 23	Fort Scott, Kan.	Oct. 28
Nov. 23	Louisiana	Oct. 28
Nov. 22	Olathe, Kan.	Nov. 4
Dec. 17	Tennessee	Nov. 4

Buildings—Commercial

Nov. 5	Canton, O.	Oct. 7
Nov. 6	Phila., Pa.	Nov. 4
Nov. 6	Lowell, Mass.	Nov. 4
Nov. 9	Cambridge (Boston P. O.), Mass.	Nov. 4
Nov. 9	Somerville (Boston P. O.), Mass.	Oct. 28
Nov. 10	Chicago, Ill.	Oct. 28
Nov. 10	Baltimore, Md.	Oct. 28
Nov. 14	Connellsville, Pa.	Oct. 28
Nov. 15	Duluth, Minn.	July 1
Nov. 15	El Dorado, Ark.	Oct. 28
Nov. 15	Santa Barbara, Calif.	Oct. 28
Nov. 16	Chicago, Ill.	Oct. 28
Nov. 18	Ft. Wayne, Ind.	Oct. 21
Nov. 20	Duluth, Minn.	Oct. 28
Nov. 23	Visalia, Calif.	Oct. 28
Nov. 24	Lafayette, La.	Nov. 4
Dec. 15	New York, N. Y.	Nov. 4
	Adv. Nov. 4.	
Jan. 1	Wash., D. C.	Oct. 7

Buildings—Industrial

Nov. 5	New York, N. Y.	Nov. 4
Nov. 17	Hanford, Calif.	Nov. 4
Jan. 1	Salem, O.	Sept. 30

Buildings—Educational, Religious

Nov. 6	New Albany, Ind.	Oct. 21
Nov. 8	Syracuse, N. Y.	Nov. 4
Nov. 9	Rocky Mount, N. C.	Oct. 28
Nov. 9	New York, N. Y.	Oct. 28
Nov. 10	Princeton, N. J.	Nov. 4
Nov. 10	Detroit, Mich.	Nov. 4
Nov. 12	Detroit, Mich.	Nov. 4
Nov. 12	Chicago, Ill.	Oct. 21
Nov. 15	Jacksonville, Fla.	Oct. 7
Nov. 15	Belleville, Ont.	Nov. 4
Nov. 16	Nashville, Tenn.	Oct. 28
Nov. 18	South Jamaica (mail Jamaica), N. Y.	Nov. 4
Nov. 18	Racine, Wis.	Nov. 4
Nov. 22	Cleveland, O.	Nov. 4
Nov. 29	Rocky River, O.	Nov. 4
Dec. 1	Indianapolis, Ind.	Oct. 21
Dec. 1	Duluth, Minn.	Oct. 21
Jan. 1	Wash., D. C.	Oct. 7
Feb. 1	Wash., D. C.	Oct. 7

Federal Government Work

Nov. 5	Derrick Boat—Wash., D. C.	Oct. 7
Nov. 5	Hose—West Pittsfield (mail Pittsfield), Mass.	Oct. 28
Nov. 9	Attendants Quarters, etc. — Northampton, Mass.	Oct. 14
Nov. 10	Dam—San Carlos, Ariz.	Oct. —
Nov. 17	Barge—Norfolk, Va.	Oct. 21
	Adv. Oct. 21 and Nov. 4.	
Nov. 17	Quarters—Washington	Oct. 21
Nov. 17	Generator—Wash., D. C.	Nov. 4
	Adv. Nov. 4.	

See proposal advertising on page 172

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TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Laying 20-in. c.i. bell and spigot water main across Schuylkill River with LEADITE joints.

Speed— Pipe Laying

Thousands of miles of cast iron water mains have been laid with LEADITE by large cities, towns, villages, railroads, mines, and industrial plants.

These pipe lines are laid under paved streets, under and over bridges, under railroad tracks, across streams, thru open country, in filter galleries—high and low pressures—under all conditions of water works construction.

This is the way some LEADITE users lay pipe:

1710 ft. 6 in. pipe laid in one day.
1665 ft. 6 in. pipe laid in 7½ hrs. with 6 men.
91 lengths 20 in. pipe laid in one day.
15 to 19 lengths 48 in. pipe laid in one day—laid one length in 7 minutes.
3860 ft. 6 in. and 8 in. pipe laid in 9 hrs. with 2 gangs.

You can do this.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking Material for c.i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		*See Eng. News-Record*
Nov. 20	Dredging—Massachusetts. Adv. Oct. 21 to Nov. 4.	Oct. 21
Nov. 22	Rip Rap, etc.—Point Isabel, Tex. Adv. Nov. 4.	Nov. 4
Nov. 26	Metal Work—Louisville, Ky. Adv. Oct. 28 and Nov. 4.	Oct. 28
Nov. 30	Powerhouse—Louisville, Ky. Adv. Nov. 4.	Nov. 4
Dec. 15	Road—California	Oct. 28

Unclassified

Nov. 5	Gallows Frame—New York, N. Y.	Oct. 28
Nov. 5	Borings—Massachusetts	Nov. 4
Nov. 6	Heating and Ventilating System—Portage, Pa.	Oct. 28
Nov. 9	Wading Pool, etc.—Yonkers, N. Y. Adv. Oct. 21 to Nov. 4.	Oct. 28
Nov. 10	Heating Work, etc.—Brooklyn, N. Y.	Oct. 21
Nov. 10	Sanitary Work, etc. Central Islip, N. Y.	Oct. 21
Nov. 10	Coal and Ash Handling Machinery—Chicago, Ill.	Nov. 4
Nov. 15	Ornamental Lighting System—Beverly Hills, Calif.	Oct. 28
Nov. 15	Plumbing, Heating, etc.—Columbus, O.	Oct. 28
Dec. 1	Aviary—Wash., D. C.	Oct. 7

Materials

Bids close		*See Eng. News-Record*
Nov. 5	Offset Bends—Chicago, Ill.	Nov. 4
Nov. 5	Portland Cement—St. George, N. Y.	Oct. 28
Nov. 8	Pipe, etc.—Providence, R. I.	Oct. 28
Nov. 8	Material for Heating System—Chicago, Ill.	Nov. 4
Nov. 8	Cable—New York, N. Y.	Nov. 4
Nov. 9	Bridge Lumber—Knoxville, Ia.	Oct. 28
Nov. 12	Recropping Rails—Phila., Pa.	Nov. 4
Nov. 12	Railroad Crossings and Frogs—Phila., Pa.	Nov. 4
Nov. 15	Iron Castings—New Haven, Conn.	Nov. 4
Nov. 30	Wire—Wellington, New Zealand	Oct. 28

News of New Work

Waterworks

Proposed Work

Conn., Meriden—Plans filtration plant at Broad Brook Reservoir. $100,000. C. P. Prann, City Hall, engr.

Miss., Hickory — Making preliminary plans waterworks and distribution system. $25,000. H. A. Mentz, Hammond, La., engr.

Miss., Jackson—Plans election $25,000 bonds, waterworks. P. A. O'Brien, City Hall. engr.

La., Franklin—City Clerk making revised plans and soon takes new bids 20 m.g. earth reservoir, 500,000 gal. clear water reservoir, pumping equipment, etc. $150,000. H. A. Mentz, Hammond, engr. Former bids rejected.

Tenn., Crossville—Election Nov. 19, $60,000 bonds, 31,000 ft. 6 and 8 in. c.i. mains, etc. in various streets. Engineer not selected. A. J. McGuire, mayor.

O., Cincinnati—Hamilton Co. plans 32,500 ft. 6- to 12-in. c.i. mains in Water Supply Line 33, Dists. 1 and 8. $83,000. L. C. Boyatt, Court House, engr.

O., Columbus—Made plans approximately 5,700 ft. 6 and 8 in. c.i. mains in Berkeley Rd., Medina, Broad and Whittier Sts. $27,700. R. H. Simpson, city engr.

O., Marion — Bd. Control takes bids in spring, water softening plant. $150,000.

Ill., Washburn — Plans waterworks. $60,000. Kinsey Eng. Co., Arcade Bldg., Pekin, engrs.

Ia., Denison—Plans waterworks, incl. wells, pipe line, 2 watertube boilers, stokers, and removing four 150 hp. capacity boilers, etc. $30,000. L. Higgins, 420 Securities Bldg., Des Moines, engr.

Kan., Gardner — Making preliminary plans waterworks. To exceed $15,000. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Kan., Jennings—Making plans waterworks. $27,000 bonds voted. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs.

Kan., Oneida—Defeated $25,000 bonds, waterworks. E. T. Archer & Co., 609 New England Bldg., Kansas City, Mo., engrs. Noted July 8.

Neb., McCook—Takes bids about Nov. 15, wells, pump, tank and approximately ½ mi. pipe line. $45,000. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, engrs. Noted Oct. 21.

S. D., Yankton—Making plans improving waterworks. $15,000. Burns & McDonnel Eng. Co., 400 Interstate Bldg., Kansas City, Mo., engrs.

Mo., Bethany—Making plans purification plant here. $15,000. Shockley Eng. Co., 800 Finance Bldg., Kansas City, engrs.

Mo., Clarence—Defeated $88,000 bonds, waterworks and distribution system. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs. Noted Oct. 21.

Ark., Berryville—Making plans waterworks and sewers in various streets. $45,000. E. M. Ratiff, Fayetteville, engr.

Tex., Beaumont—Voted $100,000 bonds, improvements and extensions to waterworks and light plant. Address Mayor.

Tex., Denton—Soon takes bids 350 hp. gas engine at waterworks and light plant. Address H. T. Brewster, supt. Water & Light Dept.

Tex., El Dorado—Voted $40,000 bonds, waterworks system, extending mains, etc. in various streets. Terrell Bartlett Engineers, Calcasieu Bldg., San Antonio, engrs. Noted Oct. 7.

Tex., Rice—Making plans complete waterworks and sewerage systems. $60,000. Koch & Fowler, 801 Central Bldg., Dallas, engrs.

Okla., Carnegie — Voted $15,000 bonds, waterworks extensions.

Okla., Ringling—Made preliminary plans 2 motor driven centrifugal pumps, 2 motor driven air compressors, new wells, etc. $20,000. L. B. Bass, mayor. Engineer not selected.

Okla., Yeager—Plans new waterworks, incl. 5,400 ft. 4- to 8-in. c.i. mains, deep well pump, etc. $20,000. R. D. Jackson, city clk. Engineer not selected.

Colo., Sterling — City retained Burton Lowther, consult. engr., Guardian Trust Bldg., Denver, to report on water supply improvement.

N. M., Albuquerque — Making plans improving waterworks. To exceed $15,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Calif., Beverly Hills—Making plans new water mains, reservoirs for additional water supply. $800,000. Salisbury, Bradshaw & Taylor, Petroleum Securities Bldg., Los Angeles, engrs.

Calif., Chico—Making plans waterworks for City and Butte Co. Water Dist. $100,000. M. Polk, Chico, engr.

Calif., Monrovia—L. P. Black, city clk. plans purchasing 1,300 ft. of 8 in. standard screw dipped pipe with recessed couplings, 8 in. Matheson joint pipe-hub end, 8 in. dap welded or 8 in. centrifugally c.i. pipe.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Calif., Porterville—Making plans new pipe line, pump and motors at city well station, 4th St., approximately $10,000; also extending mains in high school section, etc.

Calif., Rialto — Plans election $50,000 bonds, extending domestic water system.

Calif., San Diego — Voted $2,000,000 bonds, 2 masonry dams, one at Sutherland site, on Santa Ysabel Creek, and other at San Vicente site, on San Vicente Creek.

Ont., Hamilton—City Council making plans extending and improving waterworks, also doubling pumping capacity. $520,000. W. L. McFaul, City Hall, engr.

Ont., Bidgeway—Bertie Twp. plans 7,050 ft. 4- to 8-in. c.i. mains, etc., in various streets. $20,000. Ross & Scott, Welland, engrs.

Bids Desired

N. Y., Long Island City—Nov. 9, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Jamaica Blvd. and Woodhaven Blvds., here.

N. Y., Long Island City—Nov. 12, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 56th Rd., 68th, 59th and 60th Aves., Harrow and 160th Sts., etc., here.

Pa., Phila.—Nov. 9, by Dept. Pub. Wks., Bureau of Water, ash crane for Queen Lane Pumping Sta., Contr. 839; ash crane for Lardners Sta., Contr. 840; 50,000 lb. pig lead, Contr. 849; Pitometer survey of trunk mains of distribution system, Contr. 850; spare gears for Belmont Pumping Sta., Contr. 851; removing cinders from pumping stations for 1927, Contr. 853; transporting water samples for 1927, Contr. 854; and hauling material for 1927, Contr. 855. G. H. Biles, dir.

Md., Baltimore—Nov. 17, by Bd. Awards, furnishing, delivering and erecting pumping equipment at Hfilen Pumping Station; also furnishing and deliverng pumpng equpment to Montebello Filtration plant. V. B. Siems, City Hall, water engr.

Ky., Mayfield—W. G. Kirchoffer, engr., Dean Bldg., Madison St., taking bids 500,000 gal. rein.-con. reservoir, 250 to 340 ft. deep well, 20 to 30 in. diam., here. $15,000.

Mich., Detroit—Nov. 8, by J. E. Mills, comr. Purchases & Supplies, Marquette Bldg., 2,200 tons 6 in. Class "B," A. W. W. A. c.i. pipe or its equivalent in Universal or DeLavaud pipe, to Dept. Water Supply.

Ill., Chicago—Nov. 9, by Bd. Pub. Wks., Room 406, City Hall, one hundred six 2- to 6-in. high pressure steam valves at Western Avenue Pumping Station, 49th St. and Western Ave. A. A. Sprague, comr.

Ill., Collinsville—Nov. 12, by J. Bailey, city clk., 4,689 ft. 4- to 17-in. c.i. mains, etc. in various streets, for city. Noted July 15.

Ill., Jerseyville—Taking bids 17,000 ft. 4- and 6-in. c.i. mains in West Jerseyville Dist., $19,000. Contract for 12,000 ft. 4- and 6-in. c.i. mains in Giddins Ave. and South Jerseyville, to Grabbe Constr. Co., Alton, approximately $12,000.

Okla., Blackwell—Nov. 10, by City Clerk, waterworks, incl. low service pumping station, filtration plant extensions, new filter, chemical house, grit basin, mixing basins, final coagulation basins, clear well, high service pumping station to serve 4 m.g. daily capacity filter plant, c.i. pipe, valves, hydrants, low service force main, distribution system extensions, 750 g.p.m. horizontal motor driven centrifugal pump and motor, filter equipment, incl. sand and gravel, gallery piping for two 1 m.g. filter units, new equipment for rehabilitating 4 present ½ m.g. units, 30,000 gal. steel tank on 35 ft. steel tower. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs. Noted Sept. 2.

Calif., Ventura — L. E. Hollowell, clk. Ventura Co. Water Dist. 2, taking bids 2,400 g.p.m. centrifugal pumps, two 15 hp. motors. C. W. Petit, co. surv.

Bids Received

Mass., Boston—Dept. Pub. Wks., new suction chamber for Pump 5, Calf Pasture Pumping Station, from M. H. Ryan, 216 Belgrade Ave., Rosindale, $31,000. Noted Oct. 21.

Md., Baltimore — Bd. Awards, Oct. 27, heating and vacuum cleaning systems for additions to Montebello Filters, from H. A. Kries, Inc., 6 East Lombard St., North Baltimore, $36.500. Noted Oct. 21.

Mich., Detroit—Bd. Water Comrs., 176 East Jefferson Ave., Oct. 20, constructing with (1) concrete and (2) brick, (a) Sect. 1 and (b) Sect. 2 Springwells Tunnel, from G. R. Cooke Co., Penobscot Bldg., (a1) $887,967 (a2) $1,359,746; and from Smith Bros., Santa Fe Bldg., Dallas, Tex., (b1) $1,125,850 (b2) $1,712,289. Noted Sept. 16.

Mich., Saginaw — S. W. Corrigan, city clk., Oct. 26, rein.-con. settling and car-

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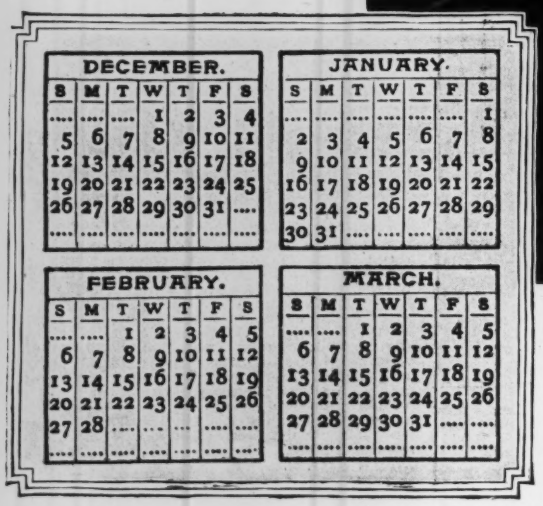
When time is money . . .
use Quick-Hardening Concrete
made with standard Universal Cement



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High Early Strength *Universal* Concrete will help you turn these months into increased profit.

How Big Will Your Profits Be This Winter?

Whether the winter months will be months of profit for you depends largely upon whether you allow cold weather to interfere with building plans.

Today winter concrete is more practicable than ever before. During cold weather, materials must be kept at a warm temperature and the structure protected from freezing. Use of High Early Strength *Universal* Concrete shortens the period in which protection from freezing is necessary. It makes possible early removal of forms. It hurries completion of the job.

You can help turn cold-weather months into profit with high early strength concrete made by using special methods and standard *Universal* (not special) cement.

Detailed information furnished promptly on receipt of coupon.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on methods for securing strong concrete in 3 days with standard *Universal* (not special) cement, the same quality *Universal* regularly used.

Name .....

Address .....

ENR 11-4-26

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

basins, Contr. 2-A, from Price Bros. Co., 212 Tussing Bldg., Lansing, $12,500; filtered water reservoir, Contr. 2-B, from Johnson Constr. Co., 322½ South 6th St., Springfield, Ill., $170,796; also filtered water reservoir, settling and carbonation basins (combined), Contr. 2, from F. R. Patterson Constr. Co., Pontaic, $303,-000. Noted Sept. 23.

Wis., Sheboygan Falls—L. Kalk, city clk., Oct. 21, hydrants, from Ludlow Valve Co., Sheboygan Falls $1,376; centrifugal pipe, from Natl. C. I. Pipe Co., Sheboygan Falls, $11,964; valves and Class B. c.i. pipe, from J. J. Koepsell, Sheboygan Falls, $457 and $10,351 respectively; also water mains and sewers in various streets, from L. Lievense Co., Sheboygan Falls, $9,625 and $16,353 respectively.

Calif., Bolinas — Bolinas Pub. Utility Dist., (a) installing only (b) furnishing only (c) furnishing and installing 23,000 ft. 4 in. c.i. pipe, repairing two 50,000 gal. tanks and moving one 50,000 gal. tank, from Young Bros., Box 125, Truckee, (a) $11,690 and (c) (Youngstown) $21,496, (Pacific) $19,371 and (Pacific O. D.) $15,-070, from J. Currie, Burlingame (Matheson) $26,881 and (deLavaud) $27,134; from S. Smith & Co., 639 Mission St., San Francisco, (b) (McWayne) $14,141, from B. Nicoll & Co., Rialto Bldg., San Francisco (sand cast) $15,493, and from U. S. Cast Iron Pipe Co., San Francisco (deLavaud) $14,647.

Calif., Huntington Park—For 4,500 ft. 16 in. c.i. pipe, from Nicoll Co., Garland Bldg., Los Angeles, $2.84 per ft.; and from U. S. Cast Iron Pipe & Fdry. Co., Wright-Callendar Bldg., Los Angeles, $3.20 with alternate bid of $2.81 on DeLavaud 150.

Contracts Awarded

Pa., Point Marion—Shannopin Coal Co., Pittsburgh, 2 story, 20 x 110 ft., water purification plant, brick and concrete, here, to J. F. Haldeman, Whitefield Bldg., Pittsburgh. Engrs. est. $25,000.

Md., Baltimore—Bd. Awards, furnishing copper pipe, for Mayor and City, and brass service pipe fittings, for Bureau Water Supply, to Mueller Co., Decatur, Ill. $2,274 and $7,118 respectively. Noted Sept. 16.

Md., Baltimore—Bd. Awards, valves, to A. P. Smith Co., 111 Norman St., East Orange, N. J., $11,890; and 250,000 lb. pig lead, to N. Trotter, 36 North Front St., Phila., Pa., $21,425, both for Bureau Water Supply.

Mich., Muskegon—Castings about joints of 48 in. intake pipe under water and sand, to W. E. Beauvais, 1441 7th St., $15,-925. Engrs. est. $22,750. Noted Oct. 28.

Ill., Chicago — Dept. Pub. Wks., Room 406, City Hall, two thousand 12 ft., lengths 8 in. and one thousand 12 ft. length 12 in. centrifugal c.i. pipe, f.o.b. cars at various city pipe yards, to U. S. Cast Iron Pipe & Fdry. Co., 122 South Mich. Blvd., $47,040.

Ill., Jerseyville—See "Bids Desired."

Ill., Winnetka—For 6, 8 and 10 in. mains, etc., in various streets, to C. M. Porter Co., 111 West Washington St., Chicago, $56,752. Noted May 13.

Wis., Beloit—C. F. Dobson, mgr. Wisconsin Power & Light Co., Grand Ave., 200,-000 gal. steel storage water tank, and tower, here, to Pittsburgh-Des Moines Steel Co., 1st Natl. Bank Bldg., Chicago, Ill. Engrs. est. $15,000. Noted Oct. 7.

Kan., Robinson—Waterworks and sewers in various streets, to R. Hybaskmann, Seneca, $18,507 and $20,808 respectively. Engrs. est. $18,620 and $23,137 respectively.

Mo., Bowling Green — G. G. Price, city clk., impounding reservoir, pumping equipment, tank on tower and several miles 6 and 8 in. mains in various streets to Pittsburgh-Des Moines Steel Co., Tuttle and Southwest 10th St., Des Moines, Ia., $69,600. Noted Oct. 7.

Tex., Three Rivers — Waterworks, incl. 50,000 gal. steel storage tank, 6 and 8 in. mains, in residential district, etc., to Utilities Eng. Co., Wichita Falls, $50,589. Noted July 29.

Okla., Enid — For 8 new motor driven turbine pumps, wells, pump fittings, valves, hydrants, 50,000 ft. 10- to 18-in. mains, etc. in various streets, to E. W. Baker & Co., 404 Medical Arts Bldg., Oklahoma City, $107,-775. Engrs. est. $125,000. Noted May 6.

Calif., Los Angeles—City Water & Power Comn., 60,000 ft. 6 in. welded steel pipe f.o.b. cars Van Nuys, to Grinnel Co. of Pacific, 520 Mateo St., at $56.45 per 100 ft.

Ont., Timmins—For 8,000 ft. 6 in. and up c.i. mains, etc., in various streets, to L. Mascioli, 3rd Ave., $24,800. Engrs. est. $25,000.

Sewers

Proposed Work

Mass., Boston—Dept. Pub. Wks. plans sewerage works in various streets in Brighton and Roxbury. $32,600 appropriated. J. H. Sullivan, comr.

N. J., Trenton—Rejected bids Oct. 15, drain in Hankinson Alley and Perry St. $30,000. Will readvertise. A. C. Gregory, City Hall, engr. Noted Oct. 14.

N. J., Trenton—Mercer Co. plans drain in Homecrest Ave. $30,000. City and Township appropriate toward cost. H. F. Harris, Trenton, engr.

Pa., Pittsburgh—Soon takes bids 24- to 30-in. terra cotta relief sewer in Forbes St. and branch sewer in Murray Ave. $38,700. City Dept. Pub. Wks., City County Bldg. engrs.

Miss., Jackson—Plans election $250,000 bonds, sewers in various streets. P. A. O'Brien, City Hall, engr.

Tenn., Crossville—Election Nov. 19, $40,-000 bonds, 20,100 ft. 6- to 10-in. vitr. clay sewers, etc., in various streets. A. J. McGuire, mayor. Engineer not selected.

Tenn., Dresden — Voted $48,000 bonds, sewerage system. Noted Aug. 5.

Tenn., South Pittsburg — Mayor and Aldermen making preliminary plans 6 mi. sanitary sewerage system, etc. To exceed $25,000. Engineer not selected.

Ky., Sturgis — Making plans sewers in various streets. To exceed $25,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Wis., Waupun—R. Zimmermann, city clk., making plans sewerage plant, incl. chemical precipitation and mixing tank, 2 used Dorr clarifiers, sludge storage tank, filters and lagoon, etc. $45,000. W. G. Kirchoffer, Dean Bldg., Madison, engr.

Ia., Grinnell—H. B. Lowry, city clk., rejected bids Oct. 18, 425 ft. outlet sewer, and sewage disposal plant, etc. Will readvertise. $50,000. R. B. Slippey, Lafayette Bldg., Waterloo, engr. Noted Oct. 7.

Mo., Clarence—Defeated $52,000 bonds, sewerage system. W. B. Rollins & Co., Ry. Exch. Bldg., Kansas City, engrs. Noted Oct. 21.

Mo., St. Louis—Dept. Pub. Serv., 208 City Hall, making preliminary plans Western Mill Creek Public Relief Sewer, incl. vitr. clay, segmental block, concrete and brick pipe, etc. $1,060,000. W. W. Horner, 300 City Hall, engr.

Ark., Berryville—See "Waterworks."

Ark., Elaine—Making preliminary plans sewers in various streets. $25,000. L. R. Parmalee, Helena, engr.

Ark., Helena—Making preliminary plans disposal plant, outlet sewers, pumping stations, etc. in Sewer Dist. 2. $100,000. L. R. Parmalee, City Hall, engr.

Tex., Houston — Voted $100,000 bonds sewers in various streets. J. C. McVea, city engr. Noted Oct. 14.

Tex., Rice—See "Waterworks."

Okla., Crescent—Plans sewage disposal plant and 6 mi. sanitary sewers in various streets. $65,000. H. E. Musson, Grain Exch. Bldg., Oklahoma City, engr. Noted Sept. 9.

Okla., Pauls Valley — Election Nov. 8, $37,500 bonds, 3,200 ft. 18- to 60-in. sewers, etc. in various streets. Long & Co., Colcord Bldg., Oklahoma City, engrs.

Calif., Los Angeles—Made plans 8- to 15-in. vitr. sewer in Washington, Highland and Spaulding Aves., to exceed $25,-000; also 34,322 ft. 8- to 15-in., D. and W. S. vitr. sewer and 27,755 ft. 6 in. house connections, etc. in Eagle Blvd. and Yosemite Dr.

Calif., Los Angeles—Making plans 27,-000 ft. rein.-con. or elliptical arch storm drain in Sect. 1 Verdugo Rd. and Gassell Ave., and 43,000 ft. in Sect. 2, same road (Eagle Rock Sect.), each to exceed $500,-000 also 39,500 ft. 12-, to 81-in. diam. storm drain in northwestern section of city. L. W. Armstrong, City Hall Annex, engr.

Calif., Roseville—Made plans 3,046 ft. 10- to 18-in. concrete sewer, etc. in Placer St., J. W. Meredith, city engr.

Que., Hull—Making plans trunk sewer. $70,000. T. Lancott, City Hall, engr.

Que., Montreal East—See "Streets and Roads."

Ont., Ford—Plans 8,500 ft. 8 in. and up sanitary sewers in Reginald St., Meldrum and Norman Rds. $39,957. H. W. Patterson, Walkerville, engr.

Ont., Hamilton—Making plans sewer in Gage Ave. Dist. $620,000. W. L. McFaul, City Hall, engr. Noted Oct. 14.

Ont., London—Council making plans sewerage system in Chelsea Green $100,000. W. P. Near, City Hall, engr.

Ont., Orillia — Making plans enlarging sewage disposal works, incl. settling and septic tanks. $25,000-$50,000. Gore, Nasmith & Storrie, Confederation Life Bldg., Toronto, engrs. Noted Sept. 23.

Ont., Riverside—Plans 6,500 ft. 8 in. and up addition vir. tile sewers in 5 avenues, $25,000. A. W. Connor & Co., Metropolitan Bldg., Toronto, engrs.

Ont., Toronto—Making plans enlarging and constructing trunk sewer, $11,000; and constructing 1 m.g. disposal plant, $129,548. R. C. Harris, City Hall, engr.

Ont., Toronto—York Twp. making plans 2,500 ft. 12 in. and up trunk and service sewer in Florence St., Pritchard and Eileen Aves. $39,075. F. B. Goodike, 40 Jarvis St., engr. Noted Aug. 5.

Ont., Westboro—Nepean Twp. plans 5,700 ft. 9- to 18-in. vitr. tile sewers in main streets. $25,000. N. B. MacRostie, 193 Sparks St., Ottawa, engr.

Bids Desired

N. Y., Brooklyn—Nov. 10, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewer in Quentin Rd., Albany and 11th Aves., 68th, 55th and East 45th Sts.

N. Y., Mamaroneck—Nov. 18, by Bd. Village Trustees, Boston Post Rd., constructing Contrs. 3, 4 and 5, of sewerage system. R. H. Stevens, Hillside Arcade, Larchmont, village engr.; adv. E. N.-R. Nov. 4.

N. Y., New York—See "Streets and Roads."

N. J., Newark—Nov. 9, by Passaic Valley Sewerage Comrs., 24 Branford Pl., pile foundation for additional sedimentation basins, at Newark Bay Pumping Station, foot of Wilson Ave. J. R. Van Duyne, ch. engr.

N. C., Thomasville—Nov. 17, by City, 2 sewage disposal plants near existing south and north side plants. W. C. Olsen, Inc., Masonic Temple Bldg., Raleigh, consult. engrs. Noted Oct. 14.

Mo., Maplewood (br. St. Louis)—Nov. 17, by City Clerk, City Hall, 1,072 ft. 42 and 48 in. segmental block, and 24,400 ft. 8- to 36-in. vitr. clay sewers, etc., in Northwest Maplewood Sewer Dists. 1 and 2. Beard Eng. Co., 7370 Manchester Ave., engrs. Noted Sept. 30.

Ark., Rogers—See "Streets and Roads."

Okla., Blackwell — Nov. 10, by City Clerk, sewage disposal works, and 12,500 ft. 18- to 24-in. sewers, etc., in various streets. $250,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs. Noted Sept. 2.

Okla., Medford—Nov. 15, by City Clerk, 35,100 ft. 6- to 12-in. vitr. clay outfall sewer, and disposal plant in Lateral Sewer Dist. 1. $60,000. Long & Co., Colcord Bldg., Oklahoma City, engrs.

Okla., Ponca City—Taking bids 4,700 ft. 10 and 12 in. vitr. clay and 400 ft. wrought iron sewers, etc., in Sanitary Sewer Dist. 56. $30,000. E. A. Jones, Ponca City, engr. Noted Sept. 23.

Calif., Los Angeles — Nov. 10, by Los Angeles Co. Sanitation Dist. 5, 5,943 ft. 10 in. vitr. trunk sewer, etc., in Strawberry Ave. A. K. Warren, Law Bldg., engr. Noted Apr. 1.

Bids Received

O., Cleveland—Bd. Comrs. Cuyahoga Co., Oct. 20, 14,000 ft. 24- to 48-in. vitr. clay sewer in Broadway Rd., Impvt. 900, from D. M. Zullo, 10614 Frank Ave., $254,523. Noted Oct. 14.

Wis., Sheboygan Falls — See "Waterworks."

Ore., Portland—G. R. Funk, city aud., Oct.13, constructing Front St. Intercepting sewer and drainage system, from J. F. Shea, Henry Bldg., $2,135,067. Noted Aug. 26.

Calif., Santa Monica—See "Streets and Roads."

Contracts Awarded

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to Bateman & Ficken, 411 85th St., sewer in East 91st St., $1,157; to S. Guerriero, 1024 66th St., in East 4th St. $5,251, and in 72nd St. $3,912; to V. D'Aprile, 17322 70th St., Ten Eyck St. $5,198, Ocean Parkway, $2,708, and 89th St. $276. Grand total $18,502. Noted Oct. 28.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in 108th St., to Muccinni & Decker, Inc., St. Albans, $210,901. Noted Oct. 28.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in Brinkerhoff Ave., to Muccinni & Decker, 6102 18th Ave., Brooklyn, $77,450 and $170,975; in Hayes Ave., to A. Paino, Corona, $262,723, 40th St., to J. Gallo, 203 Division St., Brooklyn, $19,696; Butler St., to Peace Bros., 57 North Lawrence St.,

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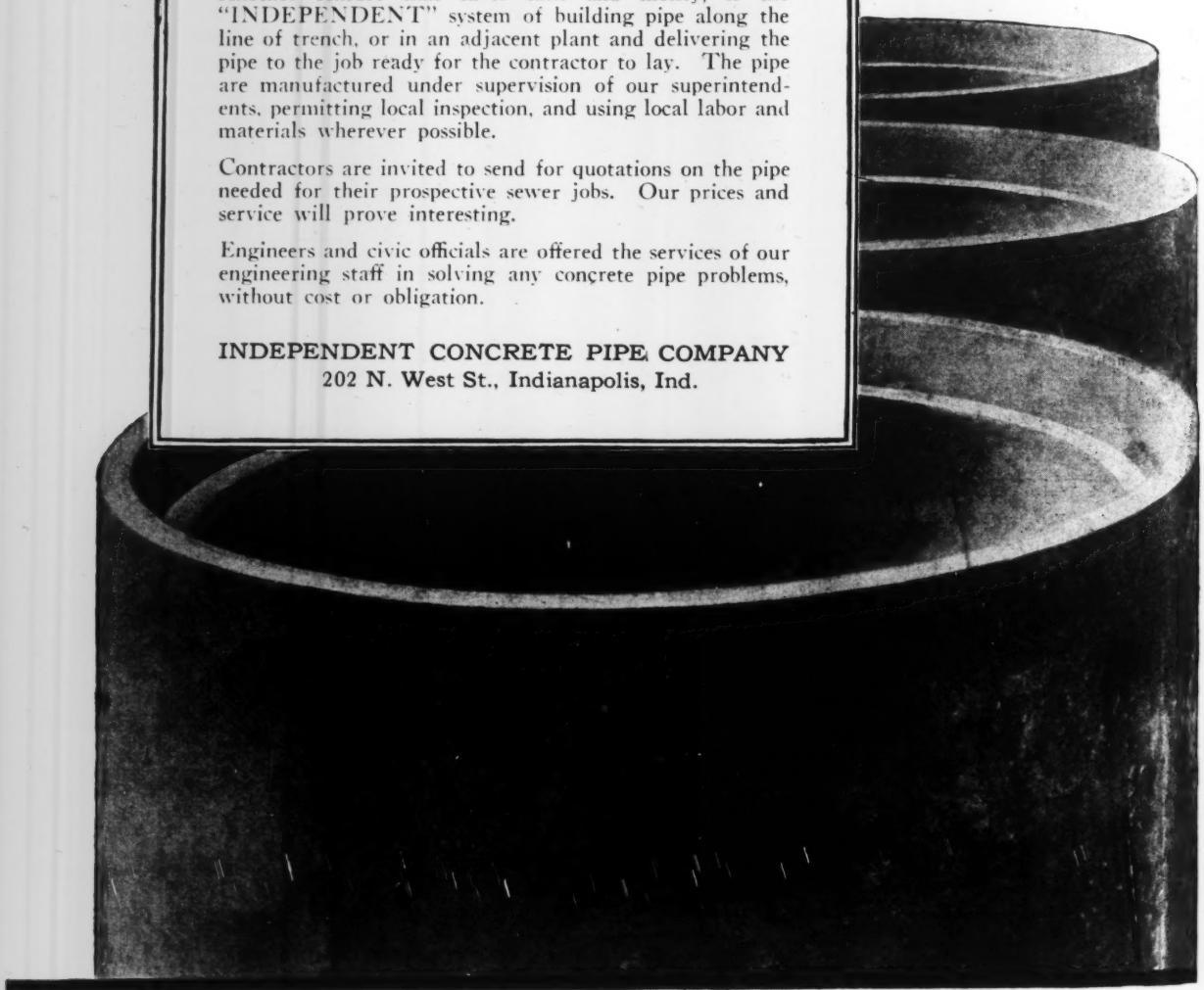

Sewers (Continued)

Flushing, $2,260; Curtis St. and De Kalb Ave. to P. J. Greenough Co., 9301 86th Rd., Woodhaven, $2,162 and $1,379 respectively; also 31st and 32nd Sts., to D. A. Gross, 8515 Fulton St., Woodhaven, $1,636. Grand total $536,902. Noted Oct. 21.

Pa., Point Marion—Shannopin Coal Co., Pittsburgh, sewage disposal plant, incl. two 26 ft. diam. concrete tanks and disposal beds, to J. F. Haldeman, Whitefield Bldg., Pittsburgh. Engrs. est. $25,000.

O., Cleveland—Cuyahoga Co., 5,700 ft. 8- to 72-in. tile sewer in Pershing Ave. and West 54th St., to Kassouff & Co., 2600 Altben Ave., $118,939.

O., Parma (Cleveland P. O.) — Sewers and watermains in Pinegrove and Springdale Aves., to Cuyahoga Sewer Constr. Co. Huron-Sixth Bldg., Cleveland, $11,474; Pershing Ave., to Gallagher-Burke Co., Engineers Bldg., Cleveland, $19,474; also Torrington Ave., to Yahya Bros., 3140 West 25th St., $11,390. Grand total $42,288. Noted Oct. 21.

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, tile sewers with brick manholes and catch basins in 5 avenues, to Fosco Bros.; in Indian Rd., across private property and in 3 avenues, to F. Peyrot, 4207 Marmora Ave.; in 7 streets and 5 avenues, to A. Renieri, 4901 Altgeld St.; in 2 streets and 7 avenues, to F. Di Cristoforo; and in 1 avenue, to D. Cuzzone, 922 Marshfield Ave.

Ill., Tessville (mail Morton Grove) — Sewers in various streets, to Dowdle Bros., 77 West Washington St., Chicago, $363,858. Engrs. est. $555,409. Noted Oct. 14.

Wis., Milwaukee—Bd. Pub. Wks., R. E. Stoelting, comr., main sewer in Chicago Ave. and Greenbush St. Sect. A, to H. Hohensee, Ludington Ave., Wauwatosa, $32,610; and Sect. B, to G. Zimmermann, 3402 Grand Ave., $24,061. Noted Oct. 28.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., concrete sewers in Burnham and Port Washington Aves., to Wenzel & Henoch Constr. Co., 498 27th St., $12,814 and $5,633 respectively; Mitchell St. and 27th Ave., to Lancaster & Fredericks, 784 34th St., $35,062 and $5,376 respectively; Nock and Washington Sts., to Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., $1,382 and $1,275 respectively; and Orchard St., to Mierswa Constr. Co., 582 20th St., $38,313. Grand total $99,855. Noted Oct. 14.

Kan., Cedar Vale — Sewers in various streets and disposal plant, to M. R. Ammerman, 246 Market St., Wichita, $57,395.

Kan., Robinson—See "Waterworks."

Calif., Los Angeles—Los Angeles Co. Sanitation Dist. 2, main trunk sewer from south boundary line of district to Harding Ave., to Campbell & Reichert, 419 Curtis St., Alhambra, $162,819. Noted Oct. 28.

Calif., Los Angeles — Storm drain in Orange St., to H. A. Teget, 234 Harvard Pl., Ontario, $41,994; also main sewer, etc. in Willoughby Ave. between Formosa Ave. and Gardner St., to R. A. Wattson, 1026 North McCadden Pl., $67,000.

Calif., Los Angeles—Sewer in 22nd St. between Leland St. and Patton Ave. (Alma St. and 26th St. Sewer Dist.), to J. Sutalo, 476 Camulos St., $27,000.

Calif., San Francisco—Bd. Pub. Wks., 43rd Ave. Main (Sunset) sewer, rein.-con. to F. J. McHugh, 474-17th Ave., for City and San Francisco Co. $155,694. Noted Oct. 28.

Ont., Crystal Beach—For 7,300 ft. 6- to 24-in. vitr. clay sewers in various streets, to F. F. Fry, Ltd., 43 Scott St., Toronto, $27,430. Engrs. est. $30,000. Noted May 13.

Waste Disposal

Proposed Work

Calif., Los Angeles—Plans election $200,000 bonds, constructing garbage loading stations, purchasing trucks, necessary building and equipment.

Ont., Ford—Town plans concrete, brick and steel garbage and refuse incinerator, incl. furnaces and chimney, etc., Front St. $40,000. H. W. Patterson, Walkerville, engr.

Bridges

Proposed Work

Wis., Milwaukee—Making plans 450 ft., rein.-con. bridge, 40 ft. incl. retaining wall, on Lincoln Ave. $200,000. M. C. Cutler, City Hall, engr. Noted Apr. 22.

Tenn., Nashville — City will ask State Legislature in January for enabling act, repairing and reconstructing steel bridge over Cumberland River, at Sparkman St. $100,000. H. E. House, mayor. Engineer not selected. Noted Dec. 31.

Wis., Wausau—State Hy. Comn., Madison, making plans 525 ft. bridge over Wisconsin River, here. $390,000. Marathon Co. appropriates $130,000 toward cost. J. T. Donaghey, Madison, ch. engr.

Kan., Reno—Hutchinson Co. plans eight 45 ft. span deck girder bridge, on Federal Aid Project 15-G. W. A. Stacey, Hutchinson, co. engr.

Mo., Kirksville—See "Streets and Roads."
Tex., Albany—See "Streets and Roads."
Tex., Comanche—See "Streets and Roads"
Tex., Conroe—See "Streets and Roads"
Tex., Cuero—See "Streets and Roads"
Tex., Franklin—See "Streets and Roads"

Okla., Guthrie—State Hy. Dept., Oklahoma city, making preliminary plans two 140 ft. steel span bridge over Cottonwood Creek, west of here, Logan Co. $32,000. J. M. Page, Capitol, Oklahoma City, engr.

Calif., Los Angeles—Made plans 440 ft. timber trestle bridge, 124 ft. roadway over Tujunga Wash, on Mullholland St.

Bids Desired

Fla., Clearwater—Nov. 23 by Comrs. Pinellas Co., Central Ave., causeway across Boca Ceiga Bay, 2,800 ft. concrete bridge, 30 ft. roadway, 60 ft. steel lift span, 800 lin. ft. concrete retaining walls, 2 mi. roadway on approaches. C. E. Burleson, co. engr.

Miss., Clarksdale—Nov. 9, by L. A. Ross, mayor, and City Comn., rein.-con., bridge, walkway and steps at South Edwards and Carolina Sts., incl. 227 cu.yd. concrete, 11,000 lb. reinforcing, etc. W. S. Bobo, city engr.

Miss., Pascagoula — Office F. Taylor, chancery clk. Jackson Co., taking bids and open same about Dec. 1, electrically driven draw spans for bridges at Moss Point and here.

Tennessee—See "Streets and Roads."
Ohio—See "Streets and Roads."

O., Columbus—Nov. 12, by Dept. Hys. & Pub. Wks., Columbus, constructing seven 135 ft. main and six 47 ft. span approach rein.-con. viaduct, 45 ft. over Ashtabula Creek, on Cleveland Buffalo Rd., Ashtabula Co., incl. 15,001 sq.yd. brick paving, etc. $470,675.

Kan., Olathe—See "Streets and Roads."

Calif., Los Angeles — Nov. 15, by Bd. Supervs. Los Angeles Co., viaduct over Union Pacific R.R. tracks, at Beverly Blvd. To exceed $25,000. W. D. Armstrong, Hall of Records, engr.

Bids Received

Connecticut—See "Streets and Roads."

Contracts Awarded

Mass., Dennis—Dept. Pub. Wks., Boston, creosoted timber pile bridge over Swan Pond River, here, to F. C. Taylor, New Bedford, for Commonwealth of Massachusetts. Engrs. est. $25,000. Noted Oct. 14.

N. J., Salem—Salem Co., 4 girder span, 78 ft. and 80 ft. movable bascule type span bridge over Salem Creek, here, 1,418,637 lb. structural steel, etc., to C. F. Seabrook & S. Campbell, Bridgeton, $356,580. Noted Sept. 23.

Miss., Ackerman — See "Streets and Roads."

La., Boyce—Rapdies Parish Police Jury, Alexandria, 200 ft. fixed steel and 320 ft. draw span bridge over Red River, here, to Austin Bridge Co., 1813 Clarence St., Dallas, Tex., $126,900. Engrs. est. $152,000. Noted Oct. 7.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, bridges on Project 23-C, Cocke Co., to R. C. Stevens, Asheville, N. C., $100,547; Project 36-E, Shelby Co., to W. H. Shons Co., 11 South Liberty St., Freeport, Ill., $118,192; Project 36-F, Shelby Co., to Montgomery & Parker, Rockport, Ind., $30,905, Project 67-B, Davidson Co., to Booz, Boyd & Co., Hickory, N. C., $59,025; Project 77-D, Campbell Co., to Vincennes Bridge Co., Vincennes, Ind., $19,607; Project 180-B, Giles Co., to M. C. Merrills, Belleville, $12,651; Project 311-C, McNairy Co., to Southern Bridge Co., Dyersburg, $23,067; Project 330-B, Obion Co., to McAdoo, Kelly & Co., Union City, $30,354 Project 341-A, Hardeman Co., to F. V. Ragsdale Co., Scimeter Bldg., Memphis, $181,877; and Project 344-A, Greene Co., to Appalachian Constr. Co., Knoxville, $37,506. Grand total $613,731. Noted Oct. 7.

Ark., New Augusta — Missouri Pacific R.R. Co., Ry. Exch. Bldg., St. Louis, Mo., strengthening pivot pier of bridge near here, to List & Weatherly, 416 Ry. Exch. Bldg., Kansas City, Mo., approximately $93,000.

Tex., Barstow—H. Moseley, chn. State Highway Comn., Austin, one 154 ft., one 126 ft., one 1,400 ft. and one 112 ft. concrete pile trestles on Highway 1, Ward Co., here, to Sullivan & Davis, Granger, $76,831. Engrs. est. $91,000. Noted Sept. 23.

Tex., Groesbeck—H. Boyette, engr., Pittman Bldg., Mexia, approaches to 2 bridges and one new bridge, steel and timber on concrete, at 3 streams incl. Navasota River, to Austin Bridge Co., 1813 Clarence St., Dallas, for Limestone Co. $53,341. Engrs. est. $56,000. Noted Sept. 20.

Colo., Boulder — Office City Manager, bridge across Boulder Creek, 9th St., Sect. A, to C. L. Wilbur & Son, 3520 Osceola St., Denver, $11,855; Sect. B, to Lambie & Bates Constr. Co., 2311 10th St., Denver, $9,185; and Sect. C. to Kelling & Fitzpatrick, Boulder, $1,550. Grand total $22,590.

Ontario—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Dams

Proposed Work

Calif., San Diego—See "Waterworks."

Bids Received

Colo., Denver — Dept. Impvt. & Parks, Oct. 25, constructing Evergreen Dam, on Bear Creek Canon, from New Mexico Constr. Co., 4015 Galapago St., for City and Denver Co. $93,288. Noted Oct. 21.

Contracts Awarded

Ontario—See "Buildings—Industrial."

Railways

Contracts Awarded

Mississippi—Jackson & Eastern R.R. Co., c/o Gulf, Mobile & Northern R.R. Co., L. P. O. Exley, ch. engr., 71 Conti St., Mobile, Ala., railroad extension from Lena to Jackson, reconstructing line from Lena to Union, steel and concrete bridge across Pearl River at Jackson, also 21 mi. grading and trestle work, to S. K. Jones Constr. Co., Cotton Exch. Bldg., Memphis, Tenn.; 19 mi. grading, to Dyess Constr. Co., Jackson; foundation for Pearl River Bridge, to H. O. Hanna, Jackson; also superstructure of bridge and balance construction work will be done by company forces. This corrects report in Oct. 28 issue.

Mississippi—Jackson & Eastern Ry. Co., S. A. Neville, pres. and genl. mgr., Meridian, general contract 21 mi. grading and trestle work, to S. K. Jones Constr. Co., Rand Bldg., Memphis, Tenn. Engrs. est. $200,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Mass., Boston—Commonwealth of Massachusetts plans changing harbor lines on Boston side of Charles River. To exceed $15,000. J. R. Rablin, Metropolitan Dist. Comn., engr.

Mass., Dorchester (Boston P. O.)—Commonwealth of Massachusetts. Dept. Pub. Wks., Boston, plans filling, dredging, etc., Fort Point Channel and South Bay, here. $25,000 or more. W. F. Williams, comr.

N. J., Deal—Boro Council plans 5 jetties. $5,000-$6,000. Engineer not selected.

N. J., Cape May — City, A. Volcker, city mgr., plans 300 ft. jetties along beach.

N. J., Margate (mail Ventnor) — Plans jetties along beach. $100,000. A. Risley, mayor. Engineer not selected.

La., Oberlin—Allen Parish plans election soon $115,000 bonds, 25 mi. gravity drainage ditches, in Gravity Drainage Dist. 3, approximately 650,000 cu.yd. excav. T. H. Mandell, Frank Bldg., Lake Charles, engr.

Ill., Chicago—City and various railroads have signed agreement for straightening Chicago River by removing river bed ½ mi. to permit extension of 3 loop streets. City plans bridge at 12th St. over where new channel will be and Baltimore & Ohio R.R. Co. and St. Charles Air Line, subsidiary of Illinois Central R.R. Co., plan combined bridge over 4 tracks. Total cost $6,816,912.

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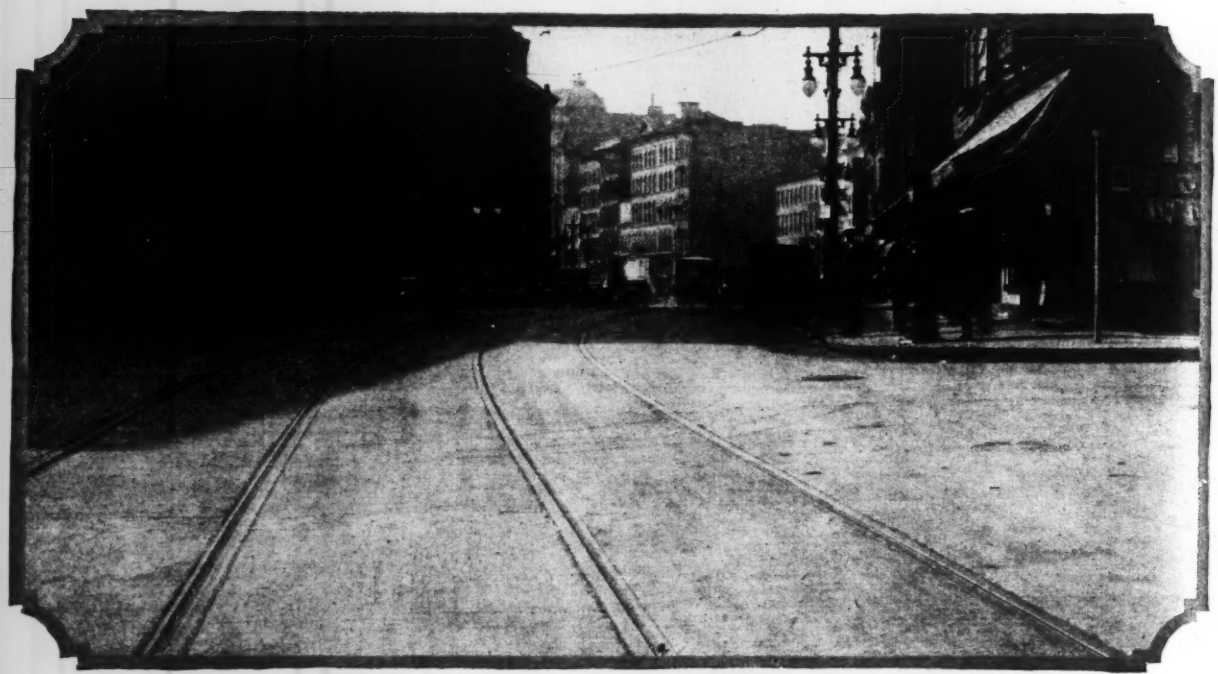

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Excavation, Drainage, Irrigation, Levees, River and Harbor (Continued)

E. J. Noonan, railway terminal engr. Noted May 6.

Iowa — Woodbury Co. (Sioux City), Monona Co. (Onawa) and Harrison Co. (Logan), rejected proposition reclaiming 120,000 acres land south of Bronson and Hornick through system drainage ditches, 2 flood control ditches to drain upper part valley north of Salix and carry water into Missouri River. $575,000. K. C. Gaynor, 523 Trimble Bldg., Sioux City, engr. Noted Sept. 2.

Texas—Karnes City Irrigation Dist. plans election soon $1,000,000 bonds, irrigating 1,500 sq.mi. near Karnes City, Kenedy, Falls City and Hobson, in Karnes Co., incl. 150 ft. high dam across San Antonio River, about 30 mi. below San Antonio. Address J. H. Carrington, c/o Bedell Bldg., San Antonio, engr.

Calif., Merced—Merced Irrigation Dist. plans repairing and maintaining canal $40,000 or more; constructing new canal, approximately $80,000; and improving with concrete lining canal, $70,000 or more.

Calif., Tracy—Banta-Carbona Irrigation Dist. plans election $334,000 bonds, increasing pumping capacity of machinery and equipment to 200 sec.ft. by enlarging pump houses, installing 60 sec.ft. pumps in lower lifts, and additional concrete lining lift canal, extending sub-laterals, etc.

Bids Desired

Mass., Quincy (Boston P. O.)—Nov. 10, by Dept. Pub. Wks., Boston, sea wall on southside Houghs Neck. $25,000. J. J. Cosgrove, comr.

N. J., Newark—Nov. 10, by T. L. Raymond, dir. Dept. Pub. Affairs, City Hall, approximately 60,000 cu.yd. redredging section City of Newark Channel, at Port Newark Terminal.

Ark., Blytheville — Nov. 9, by Bd. Dirs. D. D. 17, Mississippi Co., R. C. Rose, pres., Farmers Bank & Trust Co., drainage pumping plant. O. M. Fairley, Osceola, ch. engr.; adv. E. N.-R. Nov. 4. Noted Oct. 14.

Contracts Awarded

Mass., East Boston (Boston P. O.)—Commonwealth of Massachusetts, Dept. Pub. Wks., Boston, dredging Anchorage Basin, here, to E. Breymann, 172 Condor St., at $0.295 per cu.yd., etc. Noted Oct. 28.

Ia., Marengo—Iowa Co., to R. T. Osman, Ames, improving Federal Aid Project 244, 14,540 cu.yd. channel excav. at $0.375 per cu.yd.

Calif., Los Angeles—Harbor Bd., dredging West Basin Los Angeles Harbor and in Slip 228, to Antioch Dredging Co. and Merrit-Chapman-Scott Corp., 1st Natl. Bank Bldg., Wilmington, $63,550.

Ontario — Dover Twp. Council, 4 mi. dredging and building 2 bridges, to Chatham Dredging Co., Chatham. Engrs. est. $25,000.

Ont., Toronto—Toronto Harbor Comn., Harbor Bldg., concrete superstructure for Sect. 7 Harbor Head Wall in Toronto Bay between Bay and Yonge Sts., to Roger Miller & Sons Ltd., Lumsden Bldg., $35,313. Engrs. est. $30,000.

Streets and Roads

Proposed Work

Massachusetts—Dept. Pub. Wks., Boston, plans laying out and constructing Foss Rd. as highway in Dorchester, and Murray Hill Rd., in West Roxbury, $25,000; recut granite block repaving Medford St. in Boston, $100,000; and substituting smooth paving (probably sheet asphalt) in place of granite block in sections Columbus Ave. from Bway. to Stuart St., Boston proper, to exceed $25,000. J. H. Sullivan, Boston, comr.

Mass., West Roxbury (Boston P. O.)—Dept. Pub. Wks., Boston, plans constructing Stellman Rd. as highway, here. $25,000. J. H. Sullivan, comr.

Conn., Hartford—Plans extending Myrtle St. from Spring to Church Sts. $120,000. R. N. Clark, City Hall, engr.

Conn., Hartford—Plans permanent paving Blue Hills to Tower Aves. $36,000, Franklin Ave. $57,200, Sisson Ave. $42,000, Elizabeth St. $40,700, Vine St. $35,500, Willys St. $46,400, and Laurel St. $35,200. R. N. Clarke, Municipal Bldg., Hartford, city engr.

Pa., Pittsburgh—Soon takes bids grading, curbing and paving Bellerock St. between Wilkins and Woodmont Sts. $35,400. City Dept. Pub. Wks., City County Bldg., engrs.

Miss., Jackson — Plans election $120,000 bonds, improving various streets. P. A. O'Brien, City Hall, engr.

La., Baton Rouge—Police Jury East Baton Rouge Parish, rejected bids Oct. 7, grading, curbing and concrete paving approximately 39,000 sq.yd. North Blvd. extension, and Clay Ave. Will readvertise. Noted Sept. 23.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, deferred award pending on county securing right-of-way, grading, etc., roadway on Project 123-D, Putnam Co. E. N. Bass, highway comr. Noted Oct. 7.

Tennessee—State Dept. Hys. & Pub. Wks., Nashville, making surveys improving 15 mi. Gatlingburg Rd., Sevier Co.; and made surveys 10 mi. Huntingdon-McLemoresville Rd., Carroll Co. C. N. Bass, highway comr.

Tenn., Greenfield — Making preliminary plans grading and paving 15 blocks various streets in business district, 20 and 66 ft. $45,000. R. G. Johnson, mayor. Engineer not selected.

Tenn., Lenoir City—Plans paving 5 mi. various streets during 1927. To exceed $25,000. J. G. Eblen, mayor.

Tenn., McKenzie — Election Nov. 23, $225,000 bonds, grading and sheet asphalt paving 18,380 sq.yd. and concrete paving 66,475 sq.yd. all streets also plans grading, curbing and guttering 38,961 lin.ft. various streets, $47,225. V. V. Long & Co., 528 Bennie Dillon Bldg., Nashville, engrs.

Ky., Henderson — Making preliminary plans permanent paving various streets. $400,000. L. Brown, city engr.

O., Columbus — Made plans and soon takes bids grading, curbing, cement walks and brick paving gutters, etc., 5,000 sq.yd. High St. $102,806. R. H. Simpson, city engr.

O., Columbus—Made plans grading, curbing and paving, etc., 34,335 sq.yd. in Eastview, Virginia, Linwood and Glenmont Aves., brick $264,498 or asphalt $326,182. R. H. Simpson, city engr.

O., Norwalk — Making plans concrete paving Ford Ave.; and brick or waterbound macadam paving Benedict Ave. $27,000 Address City Engineer.

Michigan—State Hy. Dept. at comrs. office, Port Huron, rejected bids July 14, concrete paving 3.564 mi. T. L. 27-10, 20 ft., St. Clair Co. E. R. Benkert, resident engr. Noted Aug. 5.

Michigan—A. R. Schaefer, resident engr., Newberry, rejected bids Sept. 8, concrete paving 2.144 mi. F. A. 159, Sect. A, 20 ft., Schoolcraft Co. for State Hy. Dept., Lansing. Noted Aug. 26.

Wis., Tomah—E. Sowle, city clk., takes bids after Jan. 1, concrete paving, etc., 15,000 sq.yd. various streets. To exceed $25,000. F. J. Davy, 1718 Madison St., La Crosse, engr.

Ia., Adel—Plans paving 15 to 30 blocks various streets. $55,000 upwards. C. Capper, city engr.

Kan., Dodge City—Ford Co. plans grading, etc., 7.945 mi. Wright-Spearville Rd., 28 ft. J. W. Thornburgh, Dodge City, co. engr.

Kan., Oberlin—Decatur Co. plans grading, bridging, etc., 7.109 mi. Federal Aid Project 144-A, 30 ft. E. W. Wooley, Oberlin, co. engr.

Kan., Wichita — Sedgwick Co. plans grading, concrete or vitr. brick surfacing, etc., 2.587 mi. Federal Aid Project 326-A, 18 ft. M. Roseberry, Wichita, co. engr.

Mo., Kirksville—Adair Co. plans election $400,000 bonds, constructing highway, and bridge over Chariton River.

Ark., McGehee—Soon takes bids grading, curbing, concrete and gravel surfacing 130 blocks various streets. $230,000. E. Hale, 203 Citizens Bank Bldg., Pine Bluff, engrs. Noted Sept. 23.

Tex., Albany—Shackelford Co. making plans grading and bridging 17.358 mi. Highway 18, Federal Aid Project 495-A, Unit 1. $68,260. J. E. Pirie, Albany, engr.

Tex., Bay City—Matagorda Co. making plans concrete paving 1.02 mi. Highway 60, 18 ft. $33,500. E. N. Gustafson, Bay City, co. engr.

Tex., Brownsville—Cameron Co. election soon, $3,000,000 bonds, constructing roads. W. O. Washington, co. engr.

Tex., Eastland—Rejected bids Oct. 14, permanent paving 31,317 yd. various streets. $100,000. Will readvertise. G. E. Franklin, Eastland, engr.

Tex., Cameron—Milam Co. making plans grading, gravel surfacing etc., 11 mi. Cameron-Thorndale-Elgin Rd., 16 ft. $118,000. A. F. Mitchell, Cameron, co. engr.

Tex., Canyon—Randall Co. election soon hard paving 16 mi. highway from here to Amarillo, 18 ft. $150,000. R. L. Lester, Canyon, judge.

Tex., Comanche—Comanche Co. making plans grading, bridging and gravel surfacing 15.211 mi. Highway 10. $200,000. W. H. Garrett, Comanche, engr.

Tex., Conroe—Montgomery Co. making plans grading and bridging 26 mi. Highway 105. $100,000. J. R. Spiller, Conroe, engr.

Tex., Corpus Christi—Nueces Co. making plans limestone and 1 in. rock asphalt paving 1.6 mi. Highway 16, 18 ft. $36,000. H. Levison, Corpus Christi, engr.

Tex., Cuero—DeWitt Co. plans grading and bridging 15.05 mi. Highway 81. $180,000. F. S. Fenner, Cuero, and Terrell Bartlett. Engineers, Calcasieu Bldg., San Antonio, engrs.

Tex., Franklin—Robertson Co. making plans grading, bridging, etc. 3.5 mi. Highway 45, 18 ft. $73,300. A. R. Leckie, Hearne, co. engr.

Tex., Huntsville—Walker Co. made plans and soon takes bids Bates type rein.-con. paving 15.427 mi. Highway 19, 18 ft. $463,000. D. K. Caldwell, Huntsville, co. engr

Tex., Raymondville—Willacy Co., c/o W. H. Mead, judge, soon takes bids 6 in. gravel without topping, gravel with 1 in. asphalt topping, and 12 in. gravel base with 1½ in. asphalt topping on 18½ mi. roads from Cameron Co. line to south to Brooks Co. line, 30 ft. $600,000. J. E. Johnson, Raymondville, co. engr. Noted Sept. 23.

Oklahoma—State Hy. Dept., Oklahoma City, plans grading, etc. 10 mi. State Highway 33, 30 ft., Payne Co. $45,000. J. M. Page, Capitol, highway engr.

Oklahoma—State Hy. Dept., Oklahoma City, made surveys grading etc. 9 mi. State Road 18, 30 ft. $70,000. J. M. Page, highway engr.

Oklahoma—State Hy. Dept., Oklahoma City, made surveys grading and paving 45 mi. Highway 7, 30 ft., Craig Co., $250,000; and vertical fibre brick paving 58,700 sq.yd. Highway 3, Pittsburgh Co. J. M. Page, highway engr.

Oklahoma—State Hy. Dept., Oklahoma City, made plans concrete slab paving 57,340 sq.yd. Highway 13, Garfield Co. $128,000. J. M. Page highway engr.

Okla., Oklahoma City — Plans grading, curbing and concrete paving 3,800 sq.yd. North Robinson St. $33,224. B. M. Hart, City Hall, engr.

Okla., Poteau — Plans grading, curbing and concrete paving 10,960 sq.yd. Rogers, Wittle and Dewey Sts. $34,500. J. E. Davis, Poteau, engr.

Okla., Tulsa — Plans grading, curbing and concrete paving 9,440 sq.yd. South Xanthus St. $31,000. C. Schultz, City Hall, engr.

Calif., Alhambra—City Council plans 5 in. concrete paving Orange Grove Ave.; also widening, etc. West Main St. H. E. Blake, city engr.

Calif., Berkeley—Making plans walks and 6 in. oil macadam paving 8th St. between Virginia and Camella Sts. $26,650. A. J. Eddy, city engr.

Calif., Berkeley—City rescinded contract grading, curbing, guttering and paving Solano Ave. $26,000. Noted Oct. 7.

Calif., Laguna Beach—S. H. Woodruff, 2690 North Beachwood Ave., Los Angeles, making plans curbing, guttering and walks, etc. at Dana Point between Laguna Beach and San Juan Capistrano. To exceed $100,000.

Calif., La Mesa—Making plans asphaltic concrete paving, etc. Lookout, Cajon, Date, North Date Aves., etc. To exceed $25,000.

Calif., Los Angeles—G. W. Jones, road comr. Los Angeles Co. plans paving in 2 sections Long Beach Blvd. between Lynwood and point 8 mi. south. $800,000.

Calif., Los Angeles—Making plans grading, curbing, guttering, walks, widening and asphaltic macadam on concrete paving Mines Ave., 9th St., etc., to exceed $1,500,000; asphaltic concrete paving, etc., 91st Pl., Rodney Dr., Tujunga Ave., Naud, James, Devonshire, 21st, Cimarron and 161st Sts., to exceed $50,000; also paving Venice Blvd. between Bagley and Overland Aves. J. C. Shaw, city engr.

Calif., Los Angeles—Plans repaving, etc., 16th St. between Main and Alameda Sts. $1,880,000. J. C. Shaw, City Hall, engr.

Calif., Los Banos—Making plans vibrolithic concrete paving approximately 114,963 sq.ft. 4th St. To exceed $30,000. E. T. Bartlett, city engr.

Calif., Monterey—Making estimates extending Decatur St. through to municipal wharf, incl. construction concrete seawall and fill, etc. To exceed $150,000. H. D. Severance, city engr.

Calif., Montebello—Making plans curbing, guttering, walks, rock and oil surfacing, etc. Washington Blvd., 4th, 5th, 6th Sts., etc. To exceed $25,000. L. G. Herr, city clerk.

Calif., Oakland — Made plans curbing, walks and vibrolithic concrete paving 164,427 sq.ft. Lyman and Clemens Rds., etc.; also grading and 2 in. Warrenite-bitulithic on 6 in. concrete paving 129,512 sq. ft. 3rd St. W. W. Harmon, city engr.

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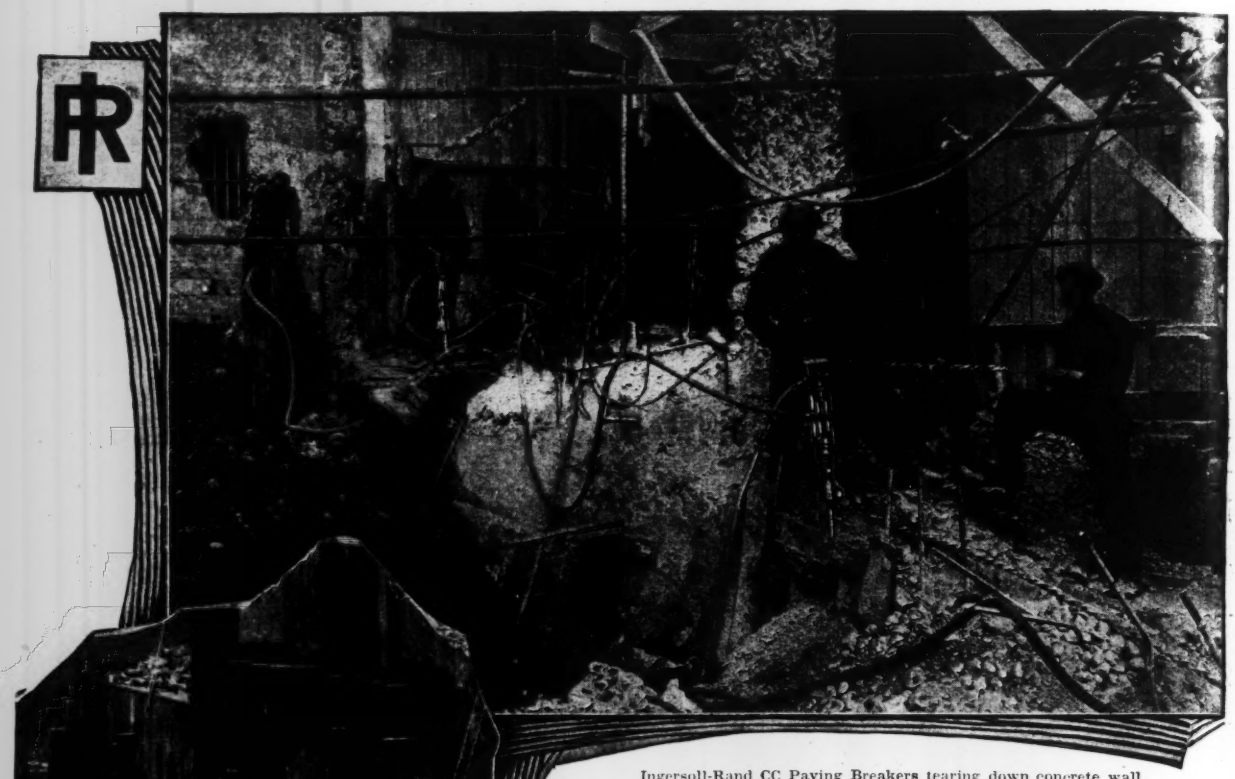

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Streets and Roads (Continued)

Calif., Riverside—Plans macadam paving with graded shoulders Grand Ave. on edge of Lake Elsinore. $100,000. A. C. Fulmor, Riverside, co. surv.

Calif., Riverside—Riverside Co. making plans constructing roadway from Ethanac to Barrett Bridge on Inland Highway. $300,000 or more. A. C. Fulmor, Riverside, co. surv.

Calif., San Diego — Common Council plans grading, curbing, sidewalks and 1½ in. asphaltic concrete on 5 in. concrete paving 145,828 sq.ft. 29th, Ivy, and Juniper Sts. F. A. Rhodes, city engr.

Calif., San Francisco—Making plans widening Geneva Ave.; $25,000; grading and paving, etc. Grand View Ave. and San Jose Blvd., $25,000 and $27,500 respectively. M. M. O'Shaughnessy, city engr.

Calif., San Francisco — Plans grading, paving, etc., boulevard along Ocean Shore right-of-way. $45,000. M. M. O'Shaughnessy, city engr.

Calif., Santa Cruz—Santa Cruz Co. made plans grading, etc. 40,000 cu.yd. Sect. 1, Bodfish Canyon Rd. L. Bowman, Santa Cruz, co. surv.

Quebec—Island of Montreal Metropolitan Comn., City Hall, Montreal, authorized $420,000 loan for new sidewalks, roads, and civic improvements in Verdun; and $110,000 loan for roads in Montreal North.

Que., Montreal East—Island of Montreal Metropolitan Comn., City Hall, Montreal, authorized $173,000 loan for macadam roads, sidewalks and sewers, here.

Ont., Toronto—Plans asphalt on concrete paving Hudson Dr., St. Clair E. and Willard Aves., Weston and Craven Rds., $34,-239; asphalt surfacing Symmington Ave., $24,220; concrete paving Lane 1st west of Euclid St., $2,982; and concrete sidewalks on Osler St., Snowden Ave., and Glenforest and Scarborough Rds., $5,193. R. C. Harris, City Hall, engr.

Ont., Toronto—Canadian Natl. Exhibition, Lumsden Bldg., plans probably sheet asphalt on concrete paving 35,000 sq.yd. streets in Exhibition Park. $185,000. R. C. Harris, City Hall, engr.

Ont., Toronto—Making plans concrete curbing, guttering, and asphalt on bitulithic paving 55,000 sq.yd. Oriole Parkway and Eglinton Ave., 53 ft. $321,152. R. C. Harris, City Hall, engr.

Bids Desired

Mass., Rochester (mail Marion)—Nov. 9, by Dept. Pub. Wks., Boston, gravel with bituminous surface treatment 4,200 ft. highway, 18 ft., here. W. F. Williams, comr.

N. Y., Brooklyn — Nov. 10, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, bituminous paving 50th St., Flushing and Gardner Aves.

N. Y., New York—Nov. 11, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grading, curbing and flagging Laurel Hill Terrace and West 168th Sts.; grading and granite block on concrete paving Plaza, at Manhattan exist of Holland Tunnel; and granite block on concrete repaving Canal and Laight Sts.; also sewer in Riverside Dr. from Payson Ave. to Dykeman St.

Md., Baltimore — Nov. 10, by Bd. Awards, grading, curbing and sheet asphalt paving 11,650 sq.yd. streets listed in Contr. 376. S. Purcell, City Hall, highways engr.

South Carolina—Nov. 10, by State Hy. Dept., Columbia, topsoiling etc. 7.315 mi. Route 19, Federal Aid Project 263A, Saluda Co., and 2.9 mi. Federal Aid Project 56, Chester Co., also reconstructing and flooring Alford's Bridge approaches on Route 8, State Project S-650, Anderson Co., State Highway Engineer, Columbia, engr.; grading, etc. 3.3 mi. Route 33, Jasper Co., A. T. Brown, Orangeburg, engr.

N. C., Goldsboro — Nov. 15, by Wayne Co. Hy. Comn., constructing 8 mi. highway between Genoa cross roads and Granthanis Store. S. D. Scott, Goldsboro, engr.

Florida—Nov. 23, by State Road Dept., Tallahassee, plain concrete, sheet asphalt, bituminous concrete or bituminous macadam on 8 in. Florida line rock paving 11.51 mi. F. A. Project 46, Road 3 Nassau Co., and 14.96 mi. Project 47, Road 4 St. Johns Co., 3.5 mi. Project 574, Road 1, Duval Co.; 8 in. Florida lime rock paving 14.26 mi. Project 571, Road 1 Madison Co., 2.14 mi. Project 37-D, Road 2, Paynes Prairie, and 7.14 mi. Project 648, Road 2, Zolfo Springs; also clearing, grubbing, and grading 4.37 mi. Project 587 Road 5-A, and 8.22 mi. Project 718, Road 5-A, Columbia Co., 9 mi. Project 640-A and 11.8 mi. Project 640-B, Road 4, Martin Co., 12.33 mi. Project 654, Road 4 Broward Co., and 12.43 mi. Project 698, Road 19 Leon Co. J. L. Cresap, state highway engr.

Tennessee—Dec. 17, by State Dept. Highways & Pub. Wks., Nashville, grading, bridging, etc., 78.3 mi. roads in Crockett, Gibson, Carroll, Lauderdale, Meigs and Unicoi Counties. C. N. Bass, highway comr.

Ohio — Nov. 12, by Highways & Pub. Wks., Columbus, G. F. Schlesinger, dir., paving 0.168 mi. road, Carroll Co., furnishing brick, $2,605, except brick $6,716; grading 0.259 mi. road, Noble Co., $11,330; and guard rail in Brown and Clermont Counties, $9,416; also constructing concrete bridge on Sect. "A" Noble Co., $26,675, and 40 ft. span rein.-con. bridge on Sect. "C" Nelsonville-New Straitsville Rd., Hocking Co., $7,372.

O., Cincinnati—Nov. 10, by Dept. Pub. Serv., grading and concrete re ving 26,000 sq.yd. Quebec Rd. $279,167. C. O. Sherrill, City Hall, engr.

Kan., Kansas City — Nov. 15, by Clerk Wyandotte Co., bituminous macadam concrete paving 1 mi. Victory Highway, 18 ft. $25,000. O. K. Williamson, Kansas City, engr. Noted Oct. 7.

Kan., Olathe—Nov. 22, by Clerk Johnson Co., concrete or brick paving 6.489 mi. Federal Aid Project 315-C, incl. one 10 ft. and one 20 ft. concrete slab span bridges. E. J. Terrill, Olathe, co. engr. Noted Oct. 28.

Ark., Rogers—Nov. 10, at office H. H. Miller, secy. Paving Dist. 3, grading, curbing, guttering, sewers, removing sidewalks, and 6 in. concrete paving, etc., 28,635 sq.yd. various streets. W. L. Winters, 311 Merchants Natl. Bank Bldg., Ft. Smith, engr. Noted Oct. 21.

Tex., San Antonio — Nov. 10, by Bexar Co., and A. McClouskey, co. judge, grading, graveling, etc. 4.35 mi. Weber Rd., $30,000; also 3.8 mi. New Sulphur Springs Rd., in Precinct 4, $25,000, both 18 ft. A. C. Pancoast, San Antonio, co. engr.

Calif., Azusa—City Trustees taking bids curbing, walks and oil macadam paving Fairmount Heights Tract. $90,000.

Calif., Los Angeles—Nov. 15, by Supervs. Los Angeles Co., grading, curbing, guttering and 3 in. oil macadam paving 127,247 sq.ft. and 1 in. oil macadam paving 45,584 sq.ft. portion Briggs Ave., Co. Impvt. 467; also 2 in. oil macadam paving 164,143 sq.ft., etc. portion California St., Co. Impvt. 483. J. C. Shaw, City Hall, engr.

Bids Received

Connecticut—J. A. Macdonald, state highway comr., Hartford, from Lane Constr. Corp., 37 Colony St., Meriden, rein.-con. paving and bridging roads in Enfield $22,-367, in Branford $264,638, in Somers $41,-452, and in Meriden-Middletown $218,923, from Bridgeport Constr. Co., 355 Ridgefield Ave., roads in Wewtport $26,791 and in Woodstock $107,208, from A. D. Bridges, Hazardville, roads in Scotland-Canterbury, $135,904 and in Trumbull $224,344, from J. J. Carroll, Naugatuck, roads in Bolton $18,476, from D. Arrigoni, Middletown, roads in Marlboro-Hebron $289,142, from Callum Constr. Co., Bristol, R. I., roads in Middletown-Haddam $237,000; and from C. Haggerty, Webster, Mass., Little River Bridge, $32,445. Noted Oct. 21.

New York—State Hy. Dept., Albany, Oct. 29, **(e. e. means engineer's estimate)**, from Belmar Contg. Co., Inc., Proctor Bldg., Troy, constructing 3.43 mi. Grand Gorge-Breakabean Rd., Part 3, Highway 8270, Schoharie Co., $135,275 e. e. $151,160, 13.93 mi. Highway 8269, Star Lake-Cranberry Rd., St. Lawrence Co. $732,184 e. e. $844,-838, and 4.46 mi. Highway 1728, Tilly Foster-Sears Corners Highway, Putnam Co. $192,977 e. e. $244,375 from J. H. Murray, Cutler Bldg., Rochester, 2.64 mi. Repair Contr. 1549, Highway 9020, Jericho Turnpike, Part 2 $249,809 e. e. $343,150, and 3.13 mi. Repair Contr. 1550, Highway 9020, Jericho Turnpike, Part 3, $254,778 e. e. $363,625 both Nassau Co.; from Lane Constr. Corp., 39 Colony St., Meriden, Conn., 5.24 mi. Highway 1740, Seponius-Homer, Part 1, Cayuga Co., $273,036 e. e. $326,692; from T. S. O'Brien, 13 Walter St., Albany, 0.68 mi. Repair Contr. 3158, Highway 343, Pawling-Patterson Rd., Dutchess Co., $41,958 e. e. $52,734; from Albany Bridge Co., 518 Bway., Albany, 0.08 mi. Highway 1725 (Bridge) Phelps-Newark Rd., Part 1, Ontario Co., $26,775 e. e. $31,-531; from R. W. S. Corp., 185 New York Ave., Huntington, 3.48 mi. Repair Contr. 1548, Highway 9017, Massapequa-Glen Cove Rd., Nassau Co., $162,478 e. e. $210,-693; from H. E. Bunce, Olean, 8.73 mi. Highway 8265, Canisteo-Whitesville Rd., Parts 6 and 7, Steuben and Allegany Counties, $294,068 e. e. $392,899; from G. D'Angelo, Binghamton, 5.94 mi. Highway $266, Bettsburg-McClure Rd., Part 1, Broome Co., $332,888 e. e. $432,867; from Canty, O'Neil & Candel, Inc., 207 Woodward Ave., Buffalo, 5.24 mi. Highway 8264, Rock Glen-Silver Springs-Castile Rd., Parts 1 and 3, Wyoming Co., $223,673 e. e. $324,358; from F. J. Downing, 13½ Swan St., Buffalo, 2.75 mi. Highway 8267, Wyckoff-Cascade Rd., Part 3, Cayuga Co., $191,607 e. e. $224,335; from Bolton, Suits & Bolton, Watkins Glen, 1.24 mi. Repair Contr. 1547, Highway 5208, Horseheads-Montour Falls Rd., Schuyler Co., $66,115 e. e. $89,210; and from H. W. Patterson, Hornell, 9.53 mi. Highway 8268, Smithtown Branch-Coram Rd., Suffolk Co., $432,129 e. e. $586,177. Noted Oct. 14.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, Oct. 27, from Uvalde Asphalt Paving Co., 1 Bway., New York City, sheet asphalt paving Amboy St. $5,699, Dumont Ave. $2,485, sidewalks, etc. on Newport St. $2,754, and Schenck Ave. $3,779, from B. Turecamo Contg. Co., 8706 Bay 12th St., Quentin Rd. $6,127, 16th Ave. $8,186, 46th St. $7,522, 81st St. $6,495, and asphalt paving East 12th St. $7,264, from M. J. O'Hara, Neptune Ave. and West 19th St., Colonial Rd. $4,389, Dahlgren Pl. $9,432, sidewalks on New Utrecht Rd. $4,754, Avenue R $4,794, 58th St. $2,040, 63rd St. $6,280, 66th St. $6,098, and 82nd St. $7,298, from D. J. McCoy Asphalt Corp., Avenue S $2,750, and Winthrop St. $7,183, sheet asphalt paving East 13th St. $7,026, East 28th St. $6,268, Kenmore Pl. $7,255 and Linden Blvd. $51,280, from Cleveland Trinidad Paving Co., Flushing, East New York Ave. $41,652, from Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., East 13th St. $4,971, and East 95th St. $11,238, sidewalks on 51st St $3,714, 61st St. $9,948, and 83rd St. $9,445, from C. Bennett Impvt. Co., 414 Rutland Rd., Lefferts Ave. $7,597, also from G. M. Mandato, 129 29th St., 20th St. $4,652, and 65th St. $10,620. Noted Oct. 21.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Oct. 26, sidewalks on 33rd and 43rd Sts., from Welsh Bros. Contg. Co., 32 Queens St., $2,249 and $19,412 respectively, and Gosman Ave., from O'Brien & Kurth, Inc., 8625 137th St., Jamaica, $1,787; grading and sheet asphalt paving Junction Blvd., from Cleveland Trinidad Co., Flushing, $2,228, and 69th St., etc., from Cranford Co., 52 9th St., Brooklyn, $55,913. Noted Oct. 21.

N. Y., New York—Bd. Estimate & Apportionment, City Hall, Oct. 28, improving streets in vicinity new court house excluding curbing and sidewalks, from J. Meehan & Son, Inc., 90 West St., $57,226. Noted Oct. 21.

New Jersey—State Hy. Comn., Trenton, Oct. 25, grading and rein.-con. paving Route 14, Sect. 15, Mays Landing to Estelville, Atlantic Co., from C. H. Earle, Medford and Delaware Aves., Atlantic City, $165,112. Noted Oct. 7.

N. J., Asbury Park — From Standard Bitulithic Co., 50 Church St., New York City, N. Y., sheet asphalt paving Asbury Ave., $87,615; from J. F. Burke, 309 Park Ave., Plainfield, Grand Ave. $188,970, Asbury Ave. $95,227, Sunset Ave. $26,354, Comstock St. $67,763, and Prospect Ave. $35,988. Noted Oct. 7.

Pa., Pittsburgh—Grading, concrete curbing and paving Mt. Washington Rd., from T. Cronin Co., South 18th St., $375,014. Engrs. est. $407,000.

Md., Baltimore — Bd. Awards, Oct. 27, grading, curbing and sheet asphalt paving 11,050 sq.yd. streets listed in Contr. 374, from Amer. Paving Co., Montebello Ave., $46,061. Noted Oct. 21.

O., Cincinnati — Comrs. Hamilton Co. grading and tar macadam paving, etc., 37,-500 sq.yd. Mill Rd., from O. E. Radabaugh, Hazelwood, $74,293. Engrs. est. $90,105. Noted Oct. 14.

O., Cincinnati — Comrs. Hamilton Co., Oct. 22, grading and concrete repaving 51,-000 sq.yd. Cornell Rd., from McHugh Bros., Springfield, $174,786. Engrs. est. $187,044. Noted Oct. 14.

Tex., Houston—Harris Co., rock asphalt on 6 in. concrete paving Capitol Ave. from Caroline to St. Emanuel Sts., from Scott Shambaugh, 1401 Dowling St., $37,340, engrs. est. $40,000; bituminous concrete paving, etc., Caihoun Ave. from Austin to Baldwin Sts., from Uvalde Rock Asphalt Co., Post-Dispatch Bldg., $69,707, engrs. est. $75,000, also Franklin Ave. from San Jacinto to Chartres Sts., from Smith Bros., 2402 West Dallas St., $54,540, engrs. est. $58,000.

Calif., Beverly Hills—City Trustees, grading, curbing, guttering, 3½ in. sheet asphalt paving 1,880 sq.ft. and 6 in. asphaltic con-

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Streets and Roads (Continued)

crete paving, etc. 100,485 sq.ft. Brighton Way and Camden Dr., from Los Angeles Paving Co., 3200 East Vernon Ave., Los Angeles, $62,773. Noted Sept. 23.

Calif., Beverly Hills—City Trustees, Oct. 18, grading, curbing, guttering, and 5 in. Warrenite paving 79,341 sq.ft. and 6 in. Warrenite paving 91,975 sq.ft., Power and Gale Drs., from Curtis Paving Co., 2440 East 26th St., Los Angeles, $69,515; also grading and 2 in. Warrenite surfacing 100,485 sq.ft. Brighton Way, from Los Angeles Paving Co., 3200 East Vernon Ave., Los Angeles, approximately $65,550. Noted Oct. 14.

Calif., Santa Monica — From Kneen Paving Co., Dudley Bldg., improving Main St. between Hollister Ave. and east city limits, grading $0.045 per cu.yd. asphalt paving $0.217, sewer $32,130, storm drain $24,911, etc., total approximately $160,860.

Calif., Ventura—Ventura Co., 5 in. concrete paving approximately 3 mi. Bardsdale end of Grimes Canyon Rd., from W. V. Cornett, 1718 Garfield Pl., Los Angeles, $56,968. Noted Sept. 30.

Contracts Awarded

Mass., Dorchester (Boston P. O.)—Dept. Pub. Wks., Boston, sheet asphalt paving Glenbourne St. here, to H. Malley, 96 Tyndale St., Rosindale, $34,165. Noted Oct. 2.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, asphalt repaving Central Ave. and Marcy Ave. to Cranford Co., 52 9th St., $94,417 and $85,517 respectively; 79th St. and Empire Blvd. to M. H. O'Hara, Neptune Ave. and West 19th St., $7,728 and $5,538 respectively; 11th Ave. to Borough Asphalt Co., 1391 Metropolitan Ave., $3,539. Grand total $196,739. Noted Oct. 28.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., grading, curbing, etc. Roebling Ave. to F. Spadaro, 2883 Coddington Ave., $14,333; Mansion St., to C. Turiano Contg. Co., 806 Bay 12th St., Brooklyn $5,349, and Sagamore St., to J. Gebert, Jr., 454 Bolton Ave., $2,320. Noted Oct. 28. Grand total $22,002.

N. Y., St. George — J. J. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Forest Ave., to J. E. Donovan Paving Co., 2205 Richmond Terrace, Port Richmond, $44,905. Noted Oct. 28.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to Eastern Asphalt Paving Co., Penna. Bldg., asphalt paving (assessment work), Bleigh St. $5,584, and Keystone St. $5,987, to Union Paving Co., 123 South 21st St., Lycoming St. $12,385, Stenton St. $10,811, Summerdale St. $13,403, 5th St. $5,015, redressed granite block repaving Columbia St. $35,626, Germantown St. $40,438, Moravian St. $13,917, Norfolk St. $3,359, 8th St. $18,767, 17th St. (incl. track area) $15,056, 20th St. (track area) $8,842, improving Afton, Bingham, Claridge, Dorcas, Faunce, Lawndale, Montour, Oakmont and Tabor (country) Rds. $30,288, Arthur, Large and Ripley Rds. $20,318, Aubrey, Fitler and Torresdale Rds. $32,710, and Bleigh, Shelmire, and Whitaker Rds. $33,193; to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving (assessment work), 74th Ave. $10,802, and asphalt repaving Rockland St. $23,982; to Mazzola & Marano, 739 South 7th St., redressed granite block repaving Dock St. $93,839, and 6th St. $5,934, and to Municipal Paving Co., 702 Catharine St., Stampers St. $4,042. Grand total $344,308. Noted Oct. 28.

Md., Baltimore — Bd. Awards, grading, curbing, and sheet asphalt paving 11,100 sq.yd. Contr. 373, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $43,996. Noted Oct. 28.

Ala., Birmingham—City Comn., **(e.e. means engrs. est.)** concrete asphalt paving 7 blocks 3rd Alley N., to D. A. Burton, Amer. Trust Bldg., $5,394 e.e. $6,000; 6 blocks 25th St., (Ensley), to Morgan Hill Paving Co., Woodward Bldg., $29,262 e. e. $30,000; 2 blocks Avenue U and 46th Pl., to Jones Paving Co., Amer. Trust Bldg., $8,595 e.e. $9,100; 3 blocks Avenue T (Ensley) to Holt & Rast, Amer. Trust Bldg., $9,284 e. e. $10,100; and 2 blocks 21st St., and 3 blocks Druid Hill Dr., to Wood Rucker Constr. Co., Amer. Trust Bldg., $6,885 and $14,147 respectively, e. e. $7 500 and $15,500 respectively. Grand total $73,567. Noted Sept. 23.

Miss., Ackerman—Choctaw Co., clearing, grubbing and grading 88,722 cu.yd. Federal Aid Project 74-E, also bridging, grading, etc. 72,962 cu.yd. Federal Aid Project 54-B, to Novaculite Constr. Co., Marion, $53,327 and $85,647 respectively. Noted Sept. 30.

Miss., Holly Springs—Bd. Supervs. Marshall Co., improving 15.348 mi. Holly Springs-Tate Co. Rd., and 11.686 mi. Potts Camp-Cornersville Rd., 204,463 cu.yd. excav., 10.97 mi. Bermuda sod, 1,691 ft. 18 and 24 in. pipe, 50,296 cu.yd. sand clay, 82,867 units ½ mi. haul, 57,158 lb. reinforcing, 4,189 ft. untreated and 81,183 ft. treated timber, 3,644 ft. creosoted piling, etc., to Nixon & Phillips, New Albany, $198,550.

Miss., Jackson—Bd. Supervs. Hinds Co., improving 8.713 mi. Jackson-Vicksburg Rd., Federal Aid Project 184-A, 80,688 cu.yd. excav., 26,666 cu.yd. borrow, 4.6 mi. Bermuda sod, 1,156 ft. guard rail, 104,698 lb. reinforcing, etc., to Owen & Gaddis, Jackson, $74,047. Noted Sept. 23.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, to B. Williams, Murfreesboro, grading, etc., Project 61-B, Bedford Co. $89,166, Project 333-B, Warren Co. $40,025, to McDowell Contg. Co., Marion, N. C., Project 75-A, Davidson Co. $126,959, Project 344-A, Greene Co. $162,954, Project 311-C, McNairy Co. $125,058, to Demster Constr. Co., 721 North Central St., Knoxville, Project 77-B and C, Campbell Co. $482,505, to Cresap Bros. Constr. Co., Humboldt, Project 81-A, Obion Co. $50,363, Project 81-B, Dyer Co. $80,553, to D. B. Hill & Co., Little Rock, Ark., Project 300-B, Morgan Co. $49,252, to Bender, Beckham & Crox, Chattanooga, Project 339-C, Hamilton Co. $59,699, to Southern Roads Co., Dyersburg, Project 341-A, Hardeman Co. $176,807, and to Pitts Bros., Mt. Pleasant, Project 342-A, Houston Co. $77,604. Grand total $1,520,951. Noted Oct. 7.

O., Cincinnati — Comrs. Rapid Transit Dept., grading, bridging, sewers, subway and Durax paving 1,800 sq.yd. Central Parkway, to Hickey Bros., 4200 Spring Grove Ave., $805,649. Engrs. est. $1,011,025. Noted Oct. 21.

O., Zanesville—Muskingum Co., improving Newark Rd., to Adams Bros. Constr. Co., Zanesville, $45,123. Engrs. est. $50,000.

Wisconsin—State Hy. Comn., Madison, graveling, etc., 1,688 cu.yd. Augusta-Fairchild Rd. State Project 6864, Eau Claire Co., to A. Larson & Co., Eau Claire, $10,608; and constructing overhead structure on same road, to J. E. Hinman & Son, Glenwood City, $15,141.

Ia., Charles City — Floyd Co., to J. Schumacher, Bancroft, grading and graveling Township and County Road Systems, 50,800 cu.yd. gravel 1 mi. haul at $0.38 per cu.yd., and 11,081 units ½ mi. haul $0.08, to Ehling & Snyder, Charles City, improving Federal Aid Project 271, 2,859 cu.yd. gravel 1 mi haul $0.45, and 28,400 units ½ mi. haul $0.084, etc. Noted Oct. 7.

Ia., Newton — Jasper Co., graveling 12 mi. Kellogg-Lynnville Rd., to Flint Crushed Gravel Co., 408 6th St., Des Moines, $36,400.

Ia., Iowa City—Concrete paving 8,525 yd. Dodge and Governor Sts., to W. Horrabin Contg. Co., Iowa City, $35,429.

Kan., Ft. Scott—Bourbon Co. bituminous macadam paving 3.005 mi. Federal Aid Project 339-A, incl. 16 ft. slab bridge, to T. L. Thogmartin & Sons, Ft. Scott, $65,927. Noted Sept. 23.

Kan., Sedan—Chatauqua Co., grading, etc. 0.23 mi. Federal Aid Project 356-B, incl. 60 ft. span concrete arch bridge, to Maxwell Constr. Co., Columbus, $11,472. Noted Oct. 14.

Kan., Wellington—Sumner Co., concrete surfacing 0.284 mi. Federal Aid Project 368-A, and 2.989 mi. Federal Aid Project 354-A, to Shultz Constr. Co., Wichita, $10,378 and $91,609 respectively. Noted Oct. 7.

Nebraska—State Hy. Dept., Lincoln, **(F. A. P. means Federal Aid Project and S. P. means State Project)**, grading, etc., 100,800 cu.yd. F. A. P. 49-G, Burt Co., to E. W. Kolterman, 1809 Dodge St., Omaha, $20,192, 80,000 cu.yd. F. A. P. 202-F, Cherry Co., to Roberts Constr. Co., 1st Natl. Bldg., Lincoln, $54,065, 110,000 cu.yd. F. A. P. 94-A, Arthur Co., to E. L. Marrs, Alliance, and Cody, Wyo., $72,725, and 10,900 cu.yd. F. A. P. 293-A, Red Willow Co to C. H. King, Indianola, $1,857; graveling, etc., 42,000 cu.yd. F. A. P. 288, Buffalo Co., and 75,000 cu.yd. S. P. 190, Platte Co., to Allied Contg. Co., Inc., 1812 Douglas St., Omaha, $11,039 and $8,888 respectively, 105,000 sq.yd. F. A. P. 271-A, Dakota So., to Central Bridge & Constr. Co., Wahoo, $23,093, 26,000 sq.yd. S. A. P. 14, Madison Co., to Norfolk Bridge & Constr. Co., Norfolk, $5,951, 239,400 sq.yd. F. A. P. 221-C, Lincoln Co., to L. G. Crownover, Alliance, $46,659, 65,000 sq.yd. F. A. P. 133-B, Otoe Co., to F. L. Busche, 2921 North 16th St., Omaha, $14,567, 84,250 sq.yd. F. A. P. 159-A, Fillmore Co., to Koehler Constr. Co Sterling, $17[illegible], 202,000 sq.yd. S. P. 130-B, Cheyenne to Cheyenne County Bd., Sidney, $13[illegible], also 83,000 sq.yd. F. A. P. 169, Adams [illegible] and constructing three 26 ft. I-beam [illegible] bridge on F. A. P. 16-A, Kimball Co. to Western Bridge & Constr. Co., 748 P. [illegible] Trust Bldg., Omaha $10,225 and $[illegible]42 respectively; constructing thirteen 80 [illegible]8 ft. pony truss and 50 ft. transverse [illegible]nt girder bridge on F. A. P. 297-A, Dawson Co., to Standard Bridge Co., 1302 City [illegible] Bank Bldg., Omaha. $84,512, two 21 ft. and 31 ft. creosoted timber span bridges on F. A. P. 63-A, Hayes Co., to Diamond Eng. Co., Grand Island, $3,758, 2 each of 1[illegible] ft. 21 ft. and 31 ft., creosoted timber bridges, etc., on S. P. 244, Frontier Co., to Young & Hall, Maywood, $10,138, two 26 ft., 1 each of 30 ft. and 40 ft. I-beam span bridges on F. A. P. 122-C, Gage Co., to Interstate Concrete Co., Fairbury, $14,957; also concrete paving 600 ft. overflow, on F. A. P. 254-B, Furnace Co., to J. H. Snyder, Arapahoe, $2,940. Grand total $425,864. Noted Oct. 7.

Neb., Wahoo—City Clerk, grading, curbing and 6 in. concrete paving 13,600 sq.yd. Federal Aid Project 27-H. to Central Bridge & Constr. Co., Wahoo, $43,000. Engrs. est. $48,000. Noted Oct. 7.

Mo., St. Louis — Grading, curbing, asphaltic concrete paving, etc. 20 blocks in Blue Ridge Terrace Subdivision, to Wells-Boone Paving Co., 5103 Fyler Ave.

Mo., St. Louis — Cyrus Crane Wilmore Organization, Boatmans Bank Bldg., asphaltic concrete on concrete paving 12,500 ft. South Kingshighway, Kingshighway Hills Subdivision, to Bridges Asphalt Paving Co., 3900 Chouteau Ave.; sidewalks and 20,000 ft. curbing, to A. Fleschner, 7055 Winona Ave.

Texas — H. Moseley, chn. State Hy. Comn., Austin, grading, bridging and caliche paving, etc., 4.596 mi. Highway 1, 26 ft., Ward Co., to Armstrong & Armstrong, Houston Bldg., San Antonio, $52,921. Engrs. est. $54,800. Noted Sept. 23 under "Barstow."

Utah—State Hy. Dept., Salt Lake City, graveling 8,600 cu.yd. Federal Aid Project 74-BC, Carbon and Emery Counties, to B. D. Palfreyman, Springville, $36,491.

California — State Hy. Comn., Sacramento, grading and crushed gravel or stone surfacing approximately 1.8 mi. roadway, Contra Costa Co., to Tieslau Bros., Berkeley, $173,200. Engrs. est. $192,728.

Calif., Los Angeles — Supervs. Los Angeles Co., improving Antelope Ave., Co. Impt. 567, to Southwest Paving Co., Washington Bldg., $42,465; Section Line Rd., Co. Impvt. 569, to Hove & Son, 819 Park St., Pasadena, $47,905; also Prairie Ave., Co. Impvt. 370, to H. and P. Constr. Co., 5553 South Western Ave., Los Angeles, $86,605. Grand total $176,975. Oct. 7 and 14.

Calif., Los Angeles—Improving Western Ave. between Los Feliz and Fountain Aves., to Baker & Vigus, 583 I. W. Hellman Bldg., $58,521, engrs. est. $61,770; also Hooper Ave. between Washington and 38th Sts., to G. R. Curtis Paving Co., 2440 East 26th St., $65,912, engrs. est. $71,837.

Calif., Los Angeles — Supervs. Los Angeles Co., grading, oil and rock screening etc. Topango Canyon Rd., to J. Martin, 789 Lyon St., $60,100. Noted Sept. 30.

Ont., Sandwich—West Twp. Council, concrete paving 1 mi. streets, 86 ft., to S. P. West, Sandwich. Engrs. est. $75,000.

Ont., Thornbury—For 1½ mi. 8 in. and up vitr. tile sewer in Main St., to Clay Products Agency, Metropolitan Bldg., Toronto, $7,862, laying and backfilling, to F. F. Fry. Ltd., 43 Scott St., Toronto, $13,980. Engrs. est. $34,000. Noted Aug. 5.

Ont., Toronto—City Council, 13 ft. asphalt on concrete paving Chatsworth Dr., and 4 avenues, to Kilmer & Barber, 10 Adelaide St. E., $41,695.

Calif., Tujunga—For 6 in. concrete paving 233,320 sq.ft. and oil macadam paving 11,220 sq.ft., etc., Monte Vista Blvd., to W. H. Goff, 1921 Apex St., Los Angeles, $63,250.

Buildings—Commercial

Proposed Work

N. H., Concord — SOCIETY — Odd Fellows Home Assn., c/o Kendall, Taylor & Co., archts., 142 Berkley St., Boston, Mass., having plans prepared 2 story society building. $200,000.

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Buildings—Commercial (Continued)

Mass., Boston—CLUB—West End House, 45 Chambers St., D. A. Ellis, trustee, 60 State St., plans club, West End Sect. $150,000. Engineer and architect not selected.

Mass., Brookline (br. Boston)—APARTMENT—Eleven Hundred and Ninety Beacon St. Trust, c/o C. Newhall, 73 Tremont St., Boston, had plans prepared by H. A. Perkins, 24 School St., Boston, 8 story and basement, 28 x 160 ft., brick and steel, plain foundation, here. $200,000.

Mass., Dorchester (Boston P. O.) — FIRE STATION—City, Fire Dept., D. C. Haltman, comr., 60 Bristol St., Boston, having plans prepared 2 story, brick, plain foundation, Meetinghouse Hill Dist., here. $150,000. Private plans. Noted June 17.

Mass., Everett (Boston P. O.)—HALL—City, Mayor's Office, plans new city hall. To exceed $150,000. Engineer and architect not selected.

Mass., Newton (Ind. br. Boston)—STORE and OFFICE—B. Rockman, 41 Nobscott Rd., having plans prepared by Silverman, Brown & Heenan, 51 Cornhill, Boston, 2 or 3 story, brick, Washington and Waltham Sts. $150,000.

Mass., Quincy (Ind. br. Boston)—HOTEL—Community Hotel System, Inc., J. H. Hockenbury, having preliminary sketches made hotel. To exceed $150,000. Engineer and architect not selected.

Mass., Watertown—THEATRE, STORE and OFFICE — Watertown Community Theatre, c/o T. D. Gotshall, 46 Arlington St., Newton, having sketches made by H. R. Duffie, 364 Belgrade Ave., West Roxbury. 2 story and basement, brick and steel, plain foundation, Mt. Auburn St. $160,000.

Mass., Worcester—HOTEL—Owner, c/o J. D. Mason, New Park Hotel, plans 800 room hotel. $1,250,000. Engineer and architect not selected.

R. I., Providence—STORE and OFFICE—City Hall Hardware Co., 150 Washington St., having plans prepared by W. R. Walker & Son, 49 Weybosset St., 3 story and basement, brick and stone, plain foundation, Washington St. $150,000 or more.

Conn., Bridgeport—BANK—Peoples Savings Bank, W. C. Bryant, having preliminary plans prepared by E. G. Southey, 983 Broad St., bank, Main St. $150,000.

Conn., Bridgeport—HOSPITAL—Bridgeport Hospital, W. H. Hersey, doctor, supt., having plans prepared by E. S. Caldwell Jr., 886 Main St., brick and steel hospital. $175,000.

Conn., Hartford — WAREHOUSE — Basch & Blumenthal, 130 Market St., had plans prepared by B. A. Sellew, 721 Main St., 1 and 2 story, 225 x 260 ft., brick and steel, Charles St. and Connecticut Blvd. $150,000.

N. Y., Buffalo—EXCHANGE—New York Telephone Co., State St., Albany, having plans prepared by McKenzie, Voorhies & Gmelin, engrs. and archts., 342 Madison Ave., New York City, 12 story, rein.-con., brick and steel, plain foundation, Church St., here. $1,500,000.

N. Y., Jamaica—Y. M. C. A., 347 Madison Ave., soon takes bids 6 story, brick, steel and stone, plain foundation, 90th St. and Parson Blvd. $600,000. G. W. Conable, 46 West 24th St., archt.

N. Y., New York — APARTMENT — F. Marchan, c/o C. B. Cali, archt., 81 East 125th St., having plans prepared 6 story, brick, steel and stone, plain foundation, Monroe Ave. $250,000.

N. Y., New York—APARTMENT—Three Hundred Fifteen West 80th Street Corp., c/o Gronenberg & Leuchtag, archts., 1385 Bway., having plans prepared 15 story, brick, steel and stone, plain foundation, incl. 2 elevators, 313-321 West 80th St. $1,000,000.

N. Y., New York—APARTMENT—Crown Estate, c/o O. Goldschlag, archt., 1482 Bway., having plans prepared 6 story, brick, steel and stone, plain foundation, Strafford Ave. $300,000.

N. Y., New York—APARTMENT and STORE—W. Weinsant, c/o Glick & Dumas, archts., 400 East Fordham Rd., having plans prepared 6 story, brick, steel and stone, plain foundation, Jackson Ave. $500,000.

N. Y., New York — APARTMENT — M. Glaser, c/o B. R. Swartburg, archt., 2 West 46th St., soon takes bids brick, steel and stone, plain foundation, incl. 2 electric elevators, 41 West 72nd St. $750,000.

N. Y., New York—APARTMENT—Five Hundred Eighty-five West End Ave. Corp., c/o G. F. Pelham, archt., 570 7th Ave., having plans prepared 16 story, brick, steel and stone, plain foundation, incl. 4 electric elevators, 583 West End Ave. $1,250,000.

BRIDGE—GLEN RIDGE, N. J.

Bids were opened by G. C. Bergen, Purchasing Agent of Essex County, Newark, July 6, for Parkway Bridge over Toney's Brook and Delaware, Lackawanna & Western R.R., from (A) O'Gara Construction Co., 242 Market St., Newark, (awarded contract); (B) Linde & Griffith Co., Fourth Ave., Newark; (C) F. M. Talbot Co., Brook Ave., Passaic; (D) Arnoldt-More, Inc., 45 Clinton St., Newark; (E) Northern Construction Co., 423 Amherst St., East Orange. The unit bids are as follows:

	A	B	C	D	E
500 cu.yd. foundation excavation, earth	$5.00	$2.50	$3.00	$3.60	$3.00
400 cu.yd. foundation excavation, rock	6.00	5.00	6.50	8.00	10.00
2,550 cu.yd. concrete, class "A" 1:2:4	28.00	27.50	31.00	33.00	36.00
500 cu.yd. concrete, class "B" 1:3:5	22.00	17.00	18.00	18.00	19.00
512 lin.ft. concrete balustrade	5.00	8.00	7.50	12.00	9.00
250,000 lb. reinforcing steel	.06	.07½	.06½	.07	.07½
18,000 sq.ft. carborundum rubbed surface finish	.05	.10	.10	.10	.09
1,100 sq.ft. bush hammered surface finish	.10	.25	.20	.30	.20
5,560 sq.ft. sidewalk and curb finish	.10	.12	.20	.15	.10
8,500 sq.ft. waterproofing	.30	.30	.30	.35	.42
380 lb. copper flashing	.95	.75	.40	1.00	1.50
930 sq.yd. 1:3:5 concrete subbase	3.20	3.00	2.25	3.00	5.00
930 sq.yd. asphalt pavement	1.40	2.50	2.50	2.50	2.50
1,350 lin.ft. 2 in. metal conduit	.25	.65	.35	.50	1.00
4 bronze lanterns	560.00	600.00	500.00	500.00	200.00
4 bronze service boxes	40.00	40.00	35.00	100.00	50.00
8 cast iron lighting standards	160.00	150.00	150.00	200.00	100.00
Removing old bridge (lump sum)	1,000.00	4,100.00	1,850.00	7,000.00	6,000.00
Clearing bridge site (lump sum)	300.00	300.00	200.00	1,000.00	1,500.00
Extended totals	$118,933	$123,826	$128,354	$145,903	$154,319

N. Y., New York — APARTMENT — Owner, c/o P. B. LaVelle, 505 5th Ave., having sketches made 20 story, 50 x 100 ft. brick, steel and stone, plain foundation, 46th St. between 6th Ave. and Bway. $1,000,000.

N. Y New York — APARTMENT — Owner, c/o A. J. Thomas, archt., 15 East 47th St., having plans prepared two 6 story, brick, steel and stone, plain foundation, West 150th St. $250,000 each.

N. Y., New York—APARTMENT—Symel Realty Co., c/o S. J. Kessler, engr. and archt., 529 Cortlandt Ave., having plans prepared 5 story, brick, steel and stone, plain foundation, University Ave. $350,000.

N. Y., New York—BANK and OFFICE—Corn Exchange Bank, 13 William St., soon takes bids 12 story, brick, steel and stone, plain foundation, 8th Ave. $400,000. Fellheimer & Wagner, 155 East 42nd St., archts.

N. Y., New York — HOTEL — Allerton Operating Corp., 285 Madison Ave., W. H. Silk, pres., had plans prepared by Murgatroyd & Ogden, 285 Madison Ave., 18 story, brick, steel and stone, plain foundation, 63rd St. and Lexington Ave. $4,000,000. Jaros & Baun, 116 West 39th St., engrs. Noted Oct. 21.

N. Y., New York—THEATRE—Laidlow Operating Corp., 1540 Bway., M. Loew, pres., soon takes bids brick, steel and stone, plain foundation, 31 Canal St. $225,000. T. W. Lamb, 644 8th Ave., archt. Noted Sept. 2.

N. Y., Syracuse — APARTMENT — H. Bader, 620 East Adams St., having plans prepared by G. A. Young, McCarthy Bldg., 4 story, 66 x 155 ft., rein.-con. and brick, plain foundation, incl. steam heating, plumbing, etc., James and Townsend Sts. $190,000.

N. J., Atlantic City—APARTMENT—W. and H. Hoffman, 1477 Bradley Ave., Camden, having plans prepared by L. J. Tunk, Fuller Bldg., Phila., Pa.; 5 story and basement, 60 x 100 ft., brick and steel, wood pile foundation, incl. electric automatic elevator, electric refrigeration, incinerator, etc., Buffalo Ave. and Boardwalk, here. $150,000.

N. J., Atlantic City—HOTEL—B. R. Fox, 1102 Atlantic Ave., having plans prepared by A. L. Brooks, Humphrey Bldg., 2 story and basement, rein.-con., steel and stucco, plain foundation.

N. J., Spring Lake (Spring Lake Beach P. O.)—BATHING PAVILIONS — Spring Lake Council plans two bathing pavilions. $250,000. E. R. Schmeider, Spring Lake, engr.

Pa., Llanerch (mail Upper Darby)—APARTMENT—R. R. Neely, archt., 2301 Spruce St., Phila., preparing plans 3 story and basement, 82 x 150 ft., rein.-con., brick and steel, plain foundation. $250,000. Owner's name withheld.

Pa., Phila. — APARTMENT — W. L. Charr, archt., Victory Bldg., preparing plans 3 story and basement, 73 x 102 ft., rein.-con., brick and steel, plain foundation, 41st St. and Westminster St. Owner's name withheld.

Pa., Pittsburgh—RESEARCH LABORATORY—Natl. Tube Co., Frick Bldg., having plans prepared by E. Stotz, Monon Bank Bldg., 2 story and basement, 58 x 109 ft., brick and hollow tile, incl. steam heating, 2 boilers, etc., Forbes St. $150,000.

Pa., Pittsburgh—OFFICE—Bd. Comrs. Allegheny Co., Court House, having plans prepared by S. L. Roush, 519 Smithfield St., 6 story and basement, 170 x 270 ft., brick, steel and limestone office building. $2,100,000. V. R. Covell, 519 Smithfield St., co. engr.

Md., Baltimore — HOSPITAL — Hospital for Women of Maryland, Lafayette Ave. and John St., having plans prepared by J. E. Sperry, Calvert Bldg., 4 story, irregular shaped, brick and steel addition, 139-43 Mosher St. $300,000. H. F. Doeleman, 509 North Charles St., engr.

La., New Orleans—HOTEL—Commagere, Clesi & Joy, will not construct Tulane Hotel, 18 story, University St. $1,000,000. Project abandoned. Noted Feb. 4.

O., Cleveland—HOTEL—Owner, c/o S. Kaplan, 1402 Prospect Ave., having preliminary plans prepared by F. W. Bail, Hanna Bldg., 14 story, brick, steel and concrete, incl. elevators, etc., East 14th St. and Prospect Ave. $1,500,000.

O., Cleveland — STORE and APARTMENT—D. Haber, c/o Stotter-Haber Co., Leader Bldg., having plans prepared 3 story, brick, steel and concrete, incl. steam heating, etc., on 100 x 185 ft. site, East 124th St. and St. Clair Ave. $250,000. Engineer and architect's names withheld.

O., Cleveland—THEATRE and OFFICE—F. A. Foyle, 1248 Walnut Ave., having preliminary plans prepared 1 story, 2,000 seating capacity, brick, steel and concrete, Pearl Rd. $200,000. Engineer and architect's names withheld. Ohio Amusement Co., Film Exch. Bldg., lessee.

O., Lakewood (br. Cleveland)—APARTMENT and GARAGE — M. Rubin, 418 Ulmer Bldg., Cleveland, having preliminary plans prepared by Braverman & Havermaet, Ulmer Bldg., Cleveland, 1 and 2 story, brick, Hilliard Rd. and Madison Ave. $150,000.

O., Shaker Heights (Cleveland P. O.)—APARTMENT—M. Lees, 2268 Ardleigh Rd., Cleveland Heights, having plans prepared by M. Weis, 617 Union Bldg., 3 story and basement, 44 x 137 ft., brick and stone, Storer Rd.

Ill., Belleville—PASSENGER STATION—Illinois Central R.R. Co., 135 East 11th Pl., Chicago, Ill., having preliminary plans prepared 2 story, 30 x 143 ft., brick, steel and stone, at East Illinois St. and Illinois Central R.R. tracks, here. $250,000. A. F. Blaess, Chicago, Ill., ch. engr.

Ill., Chicago—APARTMENT HOTEL—J. L. Simpson, et al, c/o D. S. Klafter, archt., 64 West Randolph St., having plans prepared 7 story and basement, 100 x 165 ft., rein.-con., brick and stone, incl. 3 elevators, etc., 5040-48 Kenmore Ave. $1,250,000.

Ill., Chicago—HOTEL—Syndicate, c/o B. E. Cohen, 139 North Clark St., having plans prepared by E. J. Meles, 105 West Monroe St., 4 story and basement, 100 x 151 ft., brick, 1429-37 North Clark St. $350,000.

Ill., Chicago — OFFICE and STORE — Wacker-Wells Building Corp., A. F. McKeown, pres., 310 South Michigan Ave., having plans prepared by Z. T. Davis, 400

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Buildings—Commercial (Continued)

North Michigan Ave., 23 story and 3 sub-basements, 100 x 150 ft., brick, steel and stone, Wacker Dr. and Wells St. $6,000,000.

Ill., Chicago—OFFICE—D. S. Klafter, archt., 64 West Randolph St., made plans and soon takes bids 16 story and basement, 86 x 100 ft., rein.-con., brick, granite, steel and terra cotta, incl. 4 elevators, etc., Wells and Franklin Sts., for I. M. Mills, 111 West Monroe St. $1,500,000.

Ill., Riverside—TEMPLE—A. F. & A. M. Lodge, J. M. Cameron, secy., plans temple, Forest Ave. $160,000. Will not construct for year or two.

Wis., La Crosse — HOTEL — O. J. and R. E. Sorensen, archts., 226 Main St., rejected bids Oct. 2, 4 story and basement, 40 x 100 ft., brick and concrete addition, plain foundation, here, for Hunt Hotel Co., 3rd and State Sts. $150,000. Will readvertise. Noted Sep. 30.

Wis., Milwaukee—CLUBHOUSE—Oestreichischer Kranken - Unterstuetzungs Verein, 910 North Ave., M. H. Eisenberg, pres., plans 3 story, brick and concrete, plain foundation, incl. swimming pool, North Ave. $200,000. Engineer and architect not selected.

Wis., Milwaukee—HOTEL—Holabird & Roche, archts., 104 South Michigan Ave., Chicago, Ill., soon take bids 15 story and basement, 150 x 200 ft., rein.-con., brick, steel and terra cotta, 5th St. and Grand Ave., here, for Schroeder Hotel Corp., 86 Michigan St. $3,000,000. Noted Oct. 7.

Wis., Milwaukee — THEATRE and BUSINESS—National-Layton Impvt. Co., c/o Dick & Bauer, archts., 208 3rd St., having plans prepared 2 story and basement, 152 x 170 ft., brick, concrete, steel and terra cotta, plain foundation, National Ave. $700,000.

Minn., Minneapolis — HOTEL — Keith-Plaza Properties, Inc., W. J. Keith, treas., Hotel Plaza, plans Kenwood Park Hotel, probably 12 story and basement, rein.-con., brick and stone, incl. steam heating, Hennepin and Lyndale Aves. $1,000,000. Engineer and architect not selected.

Kan., Lawrence—LODGE and THEATRE—I .O. O. F. Lodge having plans prepared by R. E. Scarnell, 509 Natl. Reserve Bldg., Topeka, and takes bids about Nov. 15, 2 and 4 story and basement, 100 x 118 ft., rein.-con. and brick lodge and theatre. $150,000.

Mo., Kansas City — FIRE STATION — City having plans prepared by J. O'Connor, 1020 Central Ave., three 2 story fire stations and alterations on 29. $200,000.

Mo., St. Louis — HOSPITAL — St. Anthonys Hospital, Grand and Chippewa Sts., takes bids about Nov. 20, 5 story, attic and part basement, 58 x 210 ft., rein.-con., brick and stone apartment; also 1 story, 24 x 50 ft., brick and concrete garage, Arkansas and Chippewa Sts. V. J. Klutho, Syndicate Trust Bldg., archts. Noted Sept. 30.

Ark., Hot Springs—HOSPITAL—H. P. Hess, archt., 1237 North Taylor St., St. Louis, Mo., rejected bids Oct. 6, 5 story and basement, 40 x 272 ft., and 50 x 150 ft. wing, also 1 story, laundry, kitchen, etc., rein.-con., brick, steel and terra cotta, incl. 3 elevators, heating system, etc. for Sisters of Mercy Hospital, c/o G. A. Callahan, chn. Will readvertise $750,000. Noted Sept. 30.

Tex., Galveston—HOTEL—Jean Laffite Hotel Co., c/o S. Moody, pres., Amer. Natl. Insurance Bldg., having plans prepared and takes bids about Nov. 15, 10 story, rein.-con., brick and stone, Ave. F and 21st St. $500,000. A. Fraser, 824 Amer. Natl. Insurance Bldg., archt.

Tex., San Antonio — HOTEL — Smith Bros. Properties, Crockett, plans 250 room, fireproof addition, incl. elevators, refrigeration plant, etc., on Bowans Island. $300,000.

Tex., San Antonio — OFFICE — State Teachers Assn. c/o W. J. Knox, plans 12 story, rein.-con. and brick, office building. $450,000.

Tex., San Antonio—SANATORIUM—A. Urrutia, doctor, and associates, c/o Urrutia Hospital, purchased 25 acre site, and plans sanatorium. $2,000,000-$3,000,000. Engineer and architect selected soon.

Tex., Wichita Falls — CITY HALL and AUDITORIUM — City having plans prepared by Voelcker & Dixon, 4 Kahn Bldg., 3 story and basement, rein.-con., brick and stone, concrete pile foundation, incl. 2 elevators. $500,000. Noted Oct. 21.

Okla., Oklahoma City—OFFICE—Hawk & Parr, Cotton Exch. Bldg., having preliminary plans prepared 4 story, 50 x 140 ft., rein.-con. and brick addition to Equity Building, West Main St. $150,000 . F. P. Johnson, Amer. Natl. Bank Bldg., engr.

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Okla., Oklahoma City—OFFICE—Oklahoma Gas & Electric Co., Insurance Bldg., having plans prepared by Byllesby Eng. & Management Co., 231 South La Salle St., Chicago, Ill., foundation and structural steel for 6 story (ultimately 12 story), on 80 x 150 ft. site, 3rd and Harvey Sts. $600,000. Noted July 8.

Wash., Seattle — APARTMENT — L. N. Rosenbaum, c/o Pretica & Peters, archts., Pantages Bldg., having plans prepared 12 story and basement, 180 x 180 ft., rein.-con. and steel, Terry Ave. and Pine St $1,000,000.

Calif., Calexico—HOTEL—G. A. Eastman, c/o Union Eng. Co., archt., Bartlett Bldg., Los Angeles, having plans prepared 3 story and basement, 140 x 350 ft., frame and stucco, 3rd St. $175,000.

Calif., Clear Lake—HOTEL—J. R. Kibbey, archt., 660 South Vermont Ave., Los Angeles, preparing plans hotel, here. $500,000. Owner's name withheld.

Calif., Decoto—HOME—California State Lodge of Masons having plans prepared by W. Mooser, Nevada Bank Bldg., San Francisco, brick, concrete and steel annex. $200,000.

Calif., Hollywood — OFFICE — International Medical Societies, Ltd., c/o H. D. Frankfurt, archt., 1096 North Western Ave., Los Angeles, having plans prepared 12 story, basement and sub-basement, 150 x 160 ft., brick, Indiana limestone and steel, incl. steam heating, elevators, etc.

Calif., Los Angeles — BANK and OFFICE—Peoples Holding Co., c/o Walker & Eisen, archts., Western Pacific Bldg., having plans prepared 12 story and basement, 40 x 160 ft., rein.-con. and brick, incl. steam heating, South Hill St. $500,000. Noted May 27.

Calif., Los Angeles—CLUB—Auto Club of Southern California, 2601 South Figueroa St., having preliminary plans prepared by Hunt & Burns, 701 Laughlin Bldg., 3 or 4 story, rein.-con. addition. $150,000.

Calif., Los Angeles—FIRE STATION—Plans election $2,500,000 bonds, fire stations and purchasing fire equipment.

Calif., Los Angeles—OFFICE, HOTEL and CLUB—State Societies of Southern California, c/o E. M. Frasier, archt., Insurance Exch. Bldg., had plans prepared approximately 12 story and basement, 150 x 300 ft., 3rd St. and Vermont Ave.

Calif., Oakland — CLUB — Womens Athletic Club, Great Western Power Bldg., having plans prepared by Roeth & Bangs, 1404 Franklin St., 6 story and basement, in vicinity of Lake Merritt. To exceed $150,000.

Calif., Palo Alto — THEATRE — C. H. Strub, 2632 Mission St., San Francisco, had plans prepared by Reid Bros., 105 Montgomery St., San Francisco, theatre, University Ave. $300,000. Noted July 15.

Calif., Redlands — THEATRE, STORE and OFFICE — W. J. Pillars, Redlands, having plans prepared by G. C. Burnett, Lankershim Bldg., Los Angeles, 2 story and basement, 120 x 120 ft., rein.-con. store, theatre and office building. To exceed $150,000.

Calif., Redwood City—THEATRE—E. J. Arkush, c/o Reid Bros., archts., 105 Montgomery St., San Francisco, having plans prepared theatre, 1,500 or more seating capacity. $150,000 or more.

Calif., San Francisco—HOTEL—Fabre & Hildebrand, archts., 110 Sutter St., preparing plans 6 story and basement, rein.-con., incl. steam heating, 2 elevators, Geary St. $150,000. Owner's name withheld.

Calif., San Francisco — SALES and SERVICE—Black-Moore Investment Co., c/o J. L. Stewart, archt., Claus Spreckels Bldg., having plans prepared 4 story, 110 x 120 ft., rein.-con., incl. freight and passenger elevators, Van Ness Ave. and Washington St. $150,000.

Ont., Ottawa — APARTMENT — Godson Building Co. (owner and archts.), 14 King St., Toronto, preparing plans and soon takes bids 5 story and basement, 170 x 170 x 200 ft., rein.-con. and brick, plain foundation, incl. electric refrigerator, heating and ventilating systems, Laurier Ave. E. $500,000-$750,000.

Ont., Toronto — APARTMENT — Broadview Mansions Ltd., Broadview Ave. and Tennis Crescent had plans prepared by E. G. Wilson, 42 Langley Ave., 4 story and basement, rein.-con., brick, steel and stone, plain foundation, incl. steam or hot water heating system, Broadview Ave. $250,000.

Ont., Toronto — HOTEL — Elliot Bros., Elliot House, having plans prepared 12 story and basement, 112 x 112 ft., rein.-con., brick and steel, plain foundation, incl. passenger elevators, steam heating system, Church and Shuter Sts. $500,000. Engineer and architect not selected.

Man., Winnipeg — ATHLETIC CLUB — Winnipeg Athletic Club, c/o Jordon & Over, archts., Canadian Pacific Ry. Bldg., having plans prepared 5 story, rein.-con. and brick, here. $750,000.

Sask., Saskatoon — HOSPITAL — City Hospital Bd., J. O. Hettle, chn., plans rein.-con. and brick addition. $200,000. Engineer and architect selected soon.

Bids Desired

Mass., Allston (sta. Boston) — STORE and OFFICE—See "Contracts Awarded."

Mass., Boston — SALES and SERVICE STATION—Pierce Arrow Co., 896 Commonwealth Ave., taking bids 3 story, 100 x 300 ft., rein.-con. and steel, plain foundation, Commonwealth Ave. and Alcorn St. $400,000. H. C. Cook, 408 Pearl St., Buffalo, N. Y., archt.

Mass., Boston — Boston Loan Co., 275 Washington St., taking bids 3 story and basement, brick building. $150,000. T. M. Sargent, 162 Tremont St., archt. Y. M. C. A., 68 Warrenton St., lessee. Noted Oct. 21.

Mass., Cambridge (Boston P. O.) — APARTMENT—Rosenfield Realty Co., 378 Columbus Ave., taking bids 4 story and basement, 100 x 120 ft., brick and stone, plain foundation, 15 Linnaean St. To exceed $150,000. Miller & Levi, 46 Cornhill, Boston, archts.

Mass., Cambridge (Boston P. O.) — APARTMENT—See "Contracts Awarded."

Mass., Cambridge (Boston P. O.)—BANK and OFFICE—Nov. 9, by Central Trust Co., W. G. Davis, pres., 6 story and basement, 90 x 100 ft., brick, stone and steel, plain foundation, 513 Massachusetts Ave. $500,000. Monks & Johnson, 99 Chauncy St., Boston, archts. Noted Oct. 21.

Mass., Lowell—STORE—Nov. 6, by A. G. Pollard Co., 144 Merrimack St., 3 story, 75 x 150 ft., and 50 x 75 ft., brick and steel, Merrimack St. $200,000. H. L. Rourke, Hildreth Bldg., archt. Noted Sept. 2.

Mass., Malden (Boston P. O.)—STORE and OFFICE—See "Contracts Awarded."

Mass., Roxbury (Boston P. O.) — THEATRE, STORE and OFFICE — See "Contracts Awarded."

Mass., Woburn—BANK—Woburn Corp. Bank, c/o J. D. Leland Co., archts., Statler Bldg., Boston, taking bids 1 story and basement, brick, stone and steel, plain foundation, Common and Main Sts., here. $150,000. Noted Oct. 21.

N. Y., New York—APARTMENTS—See "Contracts Awarded."

N. Y., New York—HOSPITAL—Dec. 15, by State Hospital Comn., Albany, constructing New York State Psychiatric Institute, incl. heating, elevators, etc., here. S. W. Jones, Capitol, Albany, state archt.; adv. E. N.-R. Nov. 4. Noted Oct. 28.

Pa., Phila.—BANK and APARTMENT—Nov. 6, by W. H. Lee, archt., 1505 Race St., 8 story and basement, 50 x 93 ft., rein.-con., brick and steel, plain foundation, incl. 2 passenger and freight elevators, 17th and Tioga Sts., for Tioga Trust Co., 17th and Tioga Sts. $600,000. Noted Feb. 4.

La., Lafayette — COURTHOUSE — Nov. 24, by Lafayette Parish Police Jury, G. Crouchet, secy., 3 story, rein.-con., terra cotta, brick and steel courthouse and jail, incl. 2 passenger elevators, steam heating, plumbing, etc. $300,000. Former bids rejected. W. T. Nolan, Canal-Commercial Bldg., archt. Noted Sept. 23.

La., Mansfield—FREIGHT and PASSENGER STATION — See "Contracts Awarded."

Mich., Sault Ste. Marie—HOTEL—See "Contracts Awarded."

Tex., Beaumont—OFFICE—J. F. Goodhue and associates c/o Crosby Hotel Bldg., taking bids and open same about Nov. 10, 12 story and basement, 60 x 118 ft., rein.-con., brick and stone, plain foundation, incl. 2 or 3 elevators, Pearl and Crockett Sts. $600,000. Tisdale & Stone, Independent Life Bldg., Nashville, Tenn., archts. Noted Sept. 23.

Tex., McAllen—HOTEL—See "Contracts Awarded."

Bids Received

Mo., Joplin — OFFICE — C. A. Smith, archt., 800 Finance Bldg., Kansas City, Oct. 17, 4 story and basemen,t 50 x 115 ft., rein.-con., brick and cut stone, from Bloser-Vollmer, Fort Scott, Kan., for Empire Electric Co. $125,647. Noted Oct. 7.

Buildings—Commercial (Continued)

Contracts Awarded

Mass., Allston (sta. Boston) — STORE and OFFICE—A. Kaplan, 20 Passadena Rd., Roxbury, will build 3 story and basement, brick and stone, plain foundation, Harvard and Glenville Aves., here. $150,000 or more. Work will be done by separate cnotracts. Silverman, Brown & Heenan, 51 Cornhill, Boston, archts. Noted Oct. 21.

Mass., Boston — OFFICE — Davis Sears Real Estate Trust, c/o Shepard & Stearns, archts., 65 Franklin St., altering and constructing 4 story and basement, brick and stone, plain foundation, 72-74 Franklin St., to Gerry & Northrup, 494 Harrison Ave. Archts. est. $150,000.

Mass., Boston—STORE—Jordan Marsh & Co., Washington St., altering and reconstructing 3 story and basement, brick and stone, 432 Washington St., to A. D. Jones Co., 16 Ash St. Archts. est. to exceed $150,000.

Mass., Boston — THEATRE — Strand Theatre, c/o H. Swartz, 18 Tremont St., reconstructing 1 story and basement, 55 x 165 ft., brick and steel, plain foundation, 21 Scolley Sq., to B. Steinberg, 6 Beacon St. Archts. est. to exceed $150,000.

Mass., Brighton (Boston P. O.)—BANK—First Natl. Bank of Boston, 67 Milk St., Boston, 1 and 2 story and basement, rein.-con., brick and steel, plain foundation, 362 Washington St., here, to E. A. Abbott Co., 3 Park St., Boston. Archts. est. $150,000.

Mass., Cambridge (Boston P. O.) — APARTMENT — H. Moulton, 1374 Massachusetts Ave., will build 4 story and basement, brick and stone, plain foundation, Hammond and Osford Sts. Work will be done by separate contracts. $150,000. Silverman, Brown & Heenan, 51 Cornhill, Boston, archt.

Mass., Everett (Boston P. O.)—APARTMENT—E. A. O'Brien, c/o A. P. Bottomley, archt., 10 Tremont St., Boston, 3 story and basement, brick and stone, plain foundation, Hancock St. and Bway., here, to J. P. Foley, 80 Boylston St., Boston. Archts. est. $300,000.

Mass., Lawrence — BANK — Merchants Trust Co., 2 story and basement, rein.-con., brick, stone and steel, plain foundation, Essex and Appleton Sts., to L. E. Locke & Son, Bay State Bldg. Archts. est. $150,000.

Mass., Malden (br. Boston)—STORE and OFFICE—M. Ratner, c/o Eastern Building Finish Co., Inc., 2178 Washington St., Roxbury, will build 2 story and basement, 80 x 100 ft., brick and stone, plain foundation, Salem and Lebanon Sts. $150,000. Work will be done by separate contracts. S. E. Moffie, 51 Cornhill, Boston, archt.

Mass., North Cambridge (mail Cambridge)—BANK and STORE—North Cambridge Co-Operative Bank, Massachusetts Ave., 2 story and basement, brick, stone and steel, plain foundation, 2360 Massachusetts Ave., to Arlington Constr. Co., 313 Bway., Arlington. Archts. est. $150,000.

Mass., Pittsfield—BUSINESS—Parker & Shipton, 150 North St., 3 story and basement, brick, to Hunkin-Conkey Co., 505 Superior Ave., Cleveland, O. Archts. est. $150,000.

Mass., Roxbury (Boston P. O.) — THEATRE, STORE and OFFICE—A. I. Rudnick, 333 Washington St., Boston, will build 2 story and basement, 100 x 110 ft., brick and stone, plain foundation, Humboldt Ave. and Waumbeck St. $200,000. Work will be done by separate contracts. G. N. Jacobs, 37 Bosworth St., Boston, archt.

Mass., Swampscott — APARTMENT — E. D. Nason, 19 Orchard Rd., 3 story and basement, rein.-con. brick and steel, plain foundation, Union and Lincoln Sts., to Nason Constr. Co., 19 Orchard Rd. Archts. est. $160 000.

N. Y., New York — APARTMENTS — Charles Building Corp., c/o C. Kreymborg & Son, archts., 2534 Marion Ave., will build two 6 story, brick, steel and stone, plain foundations, Bryant Ave., by day labor. $165,000 each.

N. Y., New York—APARTMENT—T. S. Semels, Inc., 400 East Fordham Rd., will build 6 story, brick, steel and stone, plain foundation, Teasdale Pl. $300,000. Work will be done by separate contracts under supervision owner.

N. Y., New York — APARTMENT — S. Cohen Building Corp., c/o L. Pisciotta, archt. 563 East Tremont Ave., will build 6 story, brick, steel and stone, plain foundation, Grand Concourse, by day labor. $250,000.

N. Y., New York—CLUB HOUSE—Boys Club, 161 Avenue A, general contract brick, steel and stone, plain foundation, 321 East 111th St., to John Lowry, Inc., 270 Madison Ave., $524,000. Noted Sept. 16.

N. Y., •Poughkeepsie — HOSPITAL — Samuel and Nettie Bowne Memorial Hospital, general contract 2 story and basement addition, to W. W. Kingston, Co., Inc., 1 Washington St. Archts. est. $200,000.

N. Y., Syracuse — OFFICE — Bando Realty Co., 20 story, brick, steel and stone, plain foundation, incl. 7 electric elevators, here, to J. H. Taylor Constr. Co., 31 Union Sq., New York City. Archts. est. $3,400,000.

Pa., Pittsburgh—HOTEL—Roosevelt Hotel Co., 6th and Penn Sts., altering and constructing 15 story and basement, 72 x 160 ft., rein.-con., brick and steel addition to Roosevelt Hotel, plain foundation, 6th St. and Penn Ave., to Landan Bros. Constr. Co., 125 1st Ave. Archts. est. $1,500,000. Former contract rescinded. Noted Mar. 25.

Pa., Upper Darby — BANK — Suburban Saving & Trust Co., 300 Wilcox St., 2 story and basement, 50 x 100 ft., rein.-con., limestone and steel, plain foundation, Garrett Rd., to P. J. Lawler, Upper Darby.

Md., Baltimore—BANK—Munsey Bldg. Co., Fayette and Calvert Sts., altering, rein.-con., brick and steel, incl. ventilating system, Calvert and Fayette St., to H. Smith & Sons, 113 South Hanover St. $150,000.

Md., Baltimore—OFFICE—Wells Constr. Co., (contractors), 237 5th Ave., New York City, N. Y., sub-let structural steel contract for 18 story, 72 x 100 ft. brick and steel, plain foundation, Calvert and Lexington Sts., here, to Amer. Bridge Co., 71 Bway., New York City, N. Y., for Civic Centre Realty Co., 404 St. Paul St. Noted June 10.

La., Mansfield—FREIGHT and PASSENGER STATION—Kansas City Southern Ry., 11th and Wynndotte St., Kansas City, Mo., 1 story, 40 x 182 ft. brick and concrete, incl. 154 ft. platform, here, to G. W. Goodlander, 3436 Campbell St., Kansas City, Mo.

O., Cleveland—OPEN HEARTH FURNACE—Otis Steel Co., c/o E. J. Kulas, pres., 3341 Jennings Rd., structural steel 1 story, 84 x 160 ft., Jennings Rd., to McMyler Interstate Co., Bedford; concrete piling, to Raymond Concrete Pile Co. Keith Bldg. Archts. est. $300,000. Noted Oct. 28.

O., Cleveland—SALES and SERVICE—Bway. Buick Co., R. N. Watson, pres.-treas., 8818 Bway., 1 story, 57 x 215 ft., incl. steam heating, Bway., to A. M. Higley Co., Plymouth Bldg. Archts. est. $150,000.

O., Wooster — HEALTH BUILDING — College of Wooster, 3 story and basement, brick and Indiana limestone, College Ave., to Long & Bogner, Wooster, $150,000.

Ind., Indianapolis—WAR MEMORIAL—Indiana War Memorial, P. Comstock, secy., 200 x 200 ft. steel, limestone and concrete memorial, 213 feet high, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland, O. Archts. est. $1,500,000.

Mich., Sault Ste. Marie — HOTEL — Ojibway Park Hotel Co., 602 Adams Bldg., will build 3 and 6 story and basement, rein.-con. and brick, plain foundation, by day labor. $250,000.

Ill., Chicago — APARTMENT — Owner, c/o A. M. Heda, archt., 72 West Washington St., general contract 3 story and basement, 100 x 125 ft., brick, 7027-33 South Michigan Ave., to Reliance Co., 11 South La Salle St. Archts. est. $200,000.

Ill., Chicago — APARTMENT — A. G. Rosenfeld, 155 North Clark St., general contract 7 story and basement, 50 x 100 ft., brick, steel and stone, incl. 2 elevators, etc., 5746 Kenmore Ave., to Reliance Co., 11 South La Salle St.; masonry contract sublet to N. S. Constr. Co., 4440 North Kedzie Ave. Archts. est. $600,000.

Ill., Chicago—APARTMENT—J. Goldberg, 1340 South Lawndale Ave., masonry contract 3 story, 100 x 148 ft., 4225-33 North Paulina Ave., to Douglas Constr. Co., 134 North La Salle St. Archts. est. $150,000.

Ill., Chicago—APARTMENT—Dearborn-Schiller Building Corp., A. J. Fitzgerald, pres., 105 West Monroe St., general contract 14 story and basement, 50 x 105 ft., rein.-con., brick and stone, incl. 4 elevators, central heating system, etc., to Fitzgerald Constr. Co., 105 West Monroe St. Archts. est. $1,000,000.

Ill., Chicago—HOTEL—H. O. Breault, 1452 East 80th St., masonry and carpentry contract 4 story, 49 x 132 ft., brick, 6616 Yale Ave., to Lind Constr. Co., 6400 State St. Archts. est. $150,000.

Ill., Chicago—HOTEL—T. R. Bishop & Son, archts., 35 South Dearborn St., general contract 16 story and basement, 50 x 150 ft., rein.-con., brick and terra cotta, 1032 North Dearborn St., to M. Stein, 6019 Winthrop Ave., for Statler Hotel Corp., 6019 Winthrop Ave. Archts. est. $1,500,000. Noted Sept. 30.

Ill., Waukegan—THEATRE, STORE and APARTMENT—E. P. Steinberg, archt., 369 North Michigan Ave., Chicago, steel contract 5 story and basement, 131½ x 171½ ft., Genesee and Clayton Sts., here, to Vanderkloot Steel Wks., 2611 South Halsted Ave., Chicago; terra cotta, to Amer. Terra Cotta & Gramic Co., 1701 Prairie Ave., Chicago; foundation, to Tobias & Jenson, Waukegan. for Burnett, Webb & McDonald, Waukegan. Noted Sept. 23.

Wis., Madison—MEMORIAL UNION—J. D. Phillips, bus. mgr. University of Wisconsin, 4 story, 100 x 250 ft., rein.-con., brick and steel, plain foundation, Langdon St. to Pfeffer Constr. Co., c/o Builders Exch. Bldg., Duluth, Minn., $773,000. Noted Oct. 7.

Ia., Cedar Rapids—SHRINE TEMPLE—R. F. Moore, archt., 401 Grandby Bldg., general contract 4 story and basement, 160 x 200 ft., rein.-con. and stone, North 6th and A Sts., to O. F. Paulson Constr. Co., Cedar Rapids, for El Kahir Temple Mystic Shrine. Noted Oct. 7.

Mo., St. Louis — APARTMENT — Mars Realty Co., 5508 Natural Bridge Ave., 3 story and basement, 106 x 172 ft., brick, concrete and stone, Natural Bridge Ave., to N. H. Simms, 5508 Natural Bridge Ave. Archts. est. $150,000.

Tex., McAllen—HOTEL—M. R. Nelson, will build 7 story, part basement, rein.-con., brick and tile, plain foundation, by day labor. $175,000. H. P. Smith, c/o Natl. Bank of Commerce Bldg., San Antonio, archt. Taking sub-bids plumbing, heating system, wiring, and 1 or 2 elevators, etc.

Wash., Seattle—STORE and OFFICE—W. Edris, Skinner Bldg., 8 story and basement, 56 x 108 ft., steel and concrete, 3rd and Pike Sts., to Austin Co., Dexter Horton Bldg. Archts. est. $400,000.

Calif., Los Angeles—APARTMENT—A. and M. LeBrun, 4968 Hollywood Blvd., 2 and 3 story and basement, brick, South Normandie Ave., to Harper Bro. 4554 Beverly Blvd., $150,000.

Calif., Los Angeles—APARTMENT—F. Molin, 1046 Dunsmuir Ave., 4 story and basement, brick, Lockwood St., to F. S. Kennedy, 816 Granada St., approximately $155,000.

Calif., Los Angeles—HOTEL, CLUB and THEATRE — Lambs Club, Inc., of California, 6 story and basement, 150 x 315 ft., rein.-con., brick and steel, incl. elevators and steam heating, Franklin and Whitley Aves., to Fidelity Constr. Co., Hillstreet Bldg., approximately $500,000.

Calif., Pasadena—OFFICE—Coast Holding Co., for Medico-Dental Building, 7 story and basement, rein.-con., Oakland Ave. and Green St., to S. M. Benet & Co., 1801 Santa Monica Bldg., Los Angeles, approximately $275,000.

Ont., Toronto—APARTMENT—Crescent Road Apartments Ltd., Bank of Hamilton Bldg., general contract 3 story and basement, Yonge St. and Gibson Ave., to W. H. Yates Constr. Co., 95 King St. E.; and carpentry, to Reed & Co., Berkeley St. Archts. est. $150,000.

Ont., Toronto — THEATRE — R. McLelland, 2492 Yonge St., masonry contract motion picture theatre, Young St., to J. Copp, 37 Keewatin Ave.; heating and plumbing, to Sheppard & Abbott, 119 Harbord St.; marble and terrazo, to Art Mosaic & Tile Co., 254 Adelaide St.; and carpentry, to G. L. Robinson, 9 Frank Crescent St. Archts. est. $150,000. Noted June 24.

Buildings—Industrial

Proposed Work

Mass., Malden (br. Boston)—FACTORY—Boston Dye House, 22 Eastern Ave., having plans prepared by Krokyn & Browne, 220 Devonshire St., Boston, 3 story, rein.-con. and brick, plain foundation, 253-255 Main St. To exceed $40,000.

Mass., Newton (Ind. br. Boston)—REPAIR SHOP—N. T. Turner, 69 Elmwood St., rejected bids 2 story, brick, stone and

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Buildings—Industrial (Continued)

steel, plain foundation, Washington St. $50,000. Will readvertise. Brainard & Leeds, 89 Franklin St., Boston, archts. Noted Oct. 21.

N. Y., New York—SERVICE STATION and GARAGE—Warren Serv. Corp., c/o Parker & Shaffer, archts., 280 Madison Ave., having plans prepared 6 story, rein.-con., brick and steel, plain foundation, incl. electric elevator, 133rd St. between Bway. and Old Bway. $500,000.

N. J., New Brunswick—WAREHOUSE—See "Unclassified."

Ga., Gainesville — MANUFACTURING—Johnson & Johnson, George St., New Brunswick, N. J., C. A. McCormick, mgr., plans plant, here. $3,500,000. Engineer and architect not selected.

Tenn., Doyle — PIGMENT PLANT — Southern Paint & Pigment Co. plans pigment plant and mining operation for lime and ochre. To exceed $40,000. D. Young, pres.

Ky., Mayfield—CONDENSORY—Golden Key Milk Products Co., Washington Bldg., Madison, Wis., having plans prepared by P. L. Kronenberg, Carroll Bldg., Madison, Wis., 2 story, 120 x 150 ft., rein.-con., brick and steel, plain foundation, here. $50,000. Noted Oct. 7.

O., Cleveland — BAKERY — E. Huberty, archt., 5503 Utica Ave., soon lets contract 1 story and basement, 44 x 185 ft., brick, steel and concrete, 4514 St. Clair Ave., for Quality Pie Co., 2619 Scranton Rd. $60,000.

O., Mansfield—FOUNDRY—Barnes Mfg. Co. had plans prepared by G. S. Rider Co., archts. and engrs., Century Bldg., Cleveland, 1 story, 52 x 185 ft., brick, steel and concrete foundry. $100,000.

O., Youngstown—PRINTING PLANT—Vindicator Printing Co., W. F. Maag, bus. mgr., Phelps and Boardman Sts., having preliminary plans prepared by Lockwood, Greene and Co., Hanna Bldg., Cleveland, newspaper plant, brick, steel and concrete. $500,000. Noted Sept. 2.

Ind., Evansville — FACTORY — Evansville Enamel Wks., 2107 Fulton St., having plans prepared by Fowler & Karges, Furniture Bldg., and soon takes bids 1 story, 100 x 130 ft., brick and steel, Fulton St. and Belt R.R. tracks. $60,000.

Ill., Chicago—MATTRESS FACTORY—I. S. Stern, archt., 35 South Dearborn St., made plans and soon takes bids 3 story, 80 x 350 ft., rein.-con. and brick, Wentworth Ave. near Root St., for A. Brandwein & Co., 2341 South State St. $250,000.

Wis., Eau Claire — ICE CREAM FACTORY — Tri-State Ice Cream Corp., Main and Front Sts., La Crosse, having plans prepared by C. Volkmann, McGrath Bldg., 1 story, 52 x 100 ft., brick, tile and concrete, plain foundation, Water St. $40,000.

Wis., Wales — POWER PLANT—State Bd. Control, A. W. Bagly, secy., Madison, having plans prepared by A. Peabody, State Capitol, Madison, 1 story, 40 x 60 ft., rein.-con., brick and steel, plain foundation, at state sanitorium, here. $50,000. Noted Oct. 7.

Tex., Beaumont—LIGHT PLANT—See "Waterworks"

Tex., Commerce — ICE PLANT — Louisiana Ice & Utilities, Inc., c/o Security Bldg., St. Louis, Mo., having plans prepared 35 ton capacity, ice plant, brick, steel and concrete, here. G. E. Wells, c/o Security Bldg., St. Louis, Mo., engrs. $60,000.

Tex., Ennis—ICE and COLD STORAGE PLANT—Ennis Ice Co. plans prepared 30 ton capacity ice and cold storage plant. $45,000. Private plans.

Tex., Martinsville—ICE PLANT—Texas Pub. Utilities Co., Interurban Bldg., Dallas, having plans prepared altering and constructing 60 ton capacity ice plant. $75,000. Private plans.

Tex., San Antonio—GARAGE—Guarantee Motor Co., 201 Navarro St., takes bids after Nov. 1, 3 story, and roof parking space, rein.-con., tile, brick and stone, plain foundation, San Pedro and Poplar Sts. $85,000. H. P. Smith, c/o Natl. Bank of Commerce Bldg., archt.

Okla., Carmen—ICE PLANT—J. H. Putman, Carmen, plans 40 ton capacity ice plant, brick, concrete and stone. $60,000. Private plans.

Mexico, Guadalajara — LIGHT PLANT—R. W. Morrison, 239 West Mistletoe Ave., San Antonio, Tex., making surveys increasing from 30,000 hp. to 40,000 hp. 3 plants

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recently purchased from Compani Electrica Chapala, $250,000-$300,000 each; also making preliminary plans 80 mi. transmission line from Guadalajara Dist. to Guanajuato Dist., $250,000 or more. Private plans. Noted Feb. 18.

Wash., Tumwater—PAPER MILL—Tumwater Paper Mills had plans prepared 2 story, 78 x 120 ft., brick, concrete and steel, plain foundation. $600,000. L. A. De Guere, 262 Grand Ave., Wisconsin Rapids, Wis., engr. For 30,000 cu.yd. earth fill and wood piling, to Hart Constr. Co., 711 Middle Waterway, Tacoma.

Calif., Long Beach—WAREHOUSE and COLD STORAGE—Long Beach Terminal Warehouse Co., 6 story, rein.-con. manufacturing plant, 175 ton capacity, and storage plant 42,000 ton capacity, etc., West Channel Slip 5, to Mathis Constr. Co., 337 North Ave. 26, Los Angeles, on cost plus basis.

Calif., Porterville—PACKING PLANT—Porterville Citrus Assn., plans packing plant. $55,000 incl. equipment.

Calif., San Bernardino—PLANT—Southern California Ice Co., 340 I St., plans approximately 3 story ice manufacturing plant, probably rein.-con. $200,000.

Ont., Cornwall—SILK MILL—Courtaulds Ltd., Montreal Rd., having plans prepared 3 story, 100 x 300 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system, Montreal Rd., $100,000. Private plans.

Ont., Quelph—FACTORY—Quelph Stove Co., York Rd., having plans prepared by Mahoney & Austin, Quelph, rein.-con. addition, concrete foundation, incl. steam heating. $165,000.

Ont., Tilbury—PLANT—Canadian Top & Body Corp. having plans prepared by F. G. Nicholson, Tilbury, 1 story, 80 x 344 ft., rein.-con., brick and steel addition, plain foundation, incl. plumbing and steam heating system. $75,000.

Bids Desired

Mass., Chelsea (br. Boston)—FACTORY—Thiese Mfg. Co., S. Thiese, 110 Canal St., Boston, taking bids 3 story, rein.-con. and brick, plain foundation, Everett Ave. $40,000. Private plans.

Mass., Dorchester (Boston P. O.)—MANUFACTURING—See "Contracts Awarded."

Mass., Milton (Boston P. O.)—MANUFACTURING—See "Contracts Awarded."

Mass., Somerville (Boston P. O.)—FACTORY — Felkin Sign Co., 534 Main St., Charlestown, taking bids 2 story and basement, brick, plain foundation, Cummings St. $40,000. J. Quirk, 10 Tremont St., Boston, archt.

N. Y., New York—SHOPS—Nov. 5, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., enclosures of 4th addition to shops, Lenox Ave. and 148th St. Yard.

N. Y., South Jamaica (mail Jamaica), **N. Y.** — SCHOOL — Nov. 18, by W. H. Gompert, supt School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 123, 119th St. from 145th to Inwood Sts., here, for Bd. Educ., 500 Park Ave., New York City.

Pa., McDonald—ICE PLANT—See "Contracts Awarded."

O., Columbus—REPAIR GARAGE—See "Contracts Awarded."

Ind., Evansville—ROUND HOUSE, MACHINE SHOPS, etc.—Louisville & Nashville R.R. Co., W. H. Courtenay, ch engr., Louisville, Ky., taking bids 1 story, 25 x 100 ft., rein.-con., brick and steel circular round house, office, and machine shops, here. $175,000. Private plans.

Ind., Veedersburg—CAR DOOR HANGER PLANT—See "Contracts Awarded."

Tex., Wichita Falls—ICE PLANT—See "Contracts Awarded."

Calif., Hanford—POWER HOUSE, etc.—Nov. 17, by E. F. Pickerill, clk. Kings Co., brick power house, heating plant, laundry buildings. A. Johnson, Call Bldg., San Francisco, archt.

Calif., San Bernardino—ICE PLANT—See "Contracts Awarded."

Contracts Awarded

Me., Portland — GARAGE and REPAIR SHOP — Standard Oil Co. of New York, Park Sq. Bldg., Boston, Mass., 1 story, brick addition, Main St., here, to Hardy & Streeter, 12 Pearl St., Boston, Mass. Archts. est. $40,000.

Mass., Boston—REPAIR SHOP, SERVICE and STORE—Merchants Tire Co., Inc., 74 Huntington Ave., 1 story and basement, 95 x 110 ft., brick and stone, plain foundation, Jersey and Boylston Sts., to J. Shapiro & Son, 27 School St. Archts. est. $75,000. Noted Oct. 28.

Mass., Dorchester (Boston P. O.)—MANUFACTURING — Underwood Mchry. Co., 110 Mt. Vernon St., will build 1 story, brick and steel, Mt. Vernon St. Work will be done by separate contracts. Private plans.

Mass., Framingham—GARAGE and REPAIR SHOP, etc.—Edison Electric Illuminating Co., 39 Boylston St., Boston, to build 1 and 2 story, steel, Marble St., to F. P. Fitzgerald Constr. Co., 294 Washington St., Boston. Archts. est. approximately $50,000.

Mass., Holyoke—BOILER HOUSE—Germania Mills, Race St., 1 story, brick, Race St., to Casper Ranger Constr. Co., 20 Pond St. Engrs. est. $40,000. Noted Oct. 21.

Mass., Milton (br. Boston)—MANUFACTURING—Milton Springs Beverage Co., Randolf Ave., will build 1 story, brick, plain foundation, Randolf and Hillside Aves., by day labor. $40,000. T. B. Russell, 42 Blue Hills Parkway, Mattapan, archt.

Mass., Newton (Ind. br. Boston)—REPAIR SHOP, SHOWROOM and GARAGE—J. E. Calanar, Washington St., 2 story, 60 x 105 ft., brick and stone, plain foundation, 399 Washington St., to John MacDonald Constr. Co., 77 Summer St., Boston. Archts. est. $40,000.

Mass., Somerville (br. Boston—REPAIR and SERVICE GARAGE — Winter Hill Realty Co., Inc., 383 Bway., 2 story, 100 x 120 ft., rein.-con., brick and steel, plain foundation, Bond St., to D. E. McIntire, Inc., 74 Broad St., Boston. Archts. est. $100,000. Noted Sept. 2.

Mass., Willimansett (br. Holyoke) — PRESS—B. F. Perkins & Sons, Inc., Holyoke, brick addition, to F. T. Ley Co., Inc., 230 Boylston St., Boston.

Mass., Worcester — DAIRY and ICE CREAM PLANT—Smith & Fyfe, 130 Southbridge St., 1 and 2 story, brick, to C. T. Rocheford, 16 Norwich St. Archts. est. $40,000.

Conn., Stamford — REPAIR SERVICE and SHOWNOOM — Allen Bros. Garage, Inc., 741-43 Main St., 2 story, 50 x 100 ft., brick, stucco and tile, to Vuono Constr. Co., 303 Main St. Archts. est. $40,000.

N. Y., Brooklyn—PLANT—Amer. Can Co., 120 Bway., New York City, 6 story, 125 x 200 ft. rein.-con., brick and steel, plain foundation, 43rd St., here, to Turner Constr. Co., 120 Bway., New York City. Archts. est. $400,000.

N. J., Edgewater — PLANT — Kellogg Products Co., Inc., 1317 Elk St., Buffalo, N. Y., rein.-con., brick and steel, plain foundation, River Rd., here, to White Constr. Co., 95 Madison Ave., New York City. Engrs. est. $200,000.

N. J., South Orange — WAREHOUSE — South Orange Storage Co., 9 East Orange Ave., 4 story, 50 x 100 ft., rein.-con., brick and steel, plain foundation, Valley St., to Northeastern Eng. Co., 300 Madison Ave., New York City. Archts. est. $75,000.

Pa., Canonsburg—FACTORY—Continental Can Co., 1 Pershing Sq., New York City, N. Y., general contract 2 story, 80 x 100 ft., rein.-con. and brick addition, here, to Grange & Goebel, Washington. Engrs. est. $90,000. Noted Oct. 21.

Pa., McDonald—ICE PLANT—McDonald Ice Co., will build 2 story and basement, 50 x 100 ft., brick and steel plant, here. $75,000. Work will be done by separate contracts. F. Husband Co., 1427 Western Ave., Pittsburgh, archts.

Pa., Phila.—SERVICE—Davis Buick Co., 316 West Chelten Ave., 2 story and basement, 128 x 160 ft., rein.-con. and brick, plain foundation, Pulaski and Chelten Sts., to Stoffler & Tillotson, Wesley Bldg. Archts. est. $155,000. Noted Oct. 7.

Pa., Phila.—MILL—Keystone Spinning Mill, 1633-27 North 2nd St., 1 and 2 story and basement, 48 x 120 ft., rein.-con., brick and steel, plain foundation, to R. E. Lamb Co., 841 North 19th St.

Pa., Phila. — DAIRY — Stuckert & Co., archts., Crozier Bldg., 2 story and basement, 84 x 145 ft., rein.-con., brick and steel, plain foundation, 16th and Courtland Sts., to McBridge Constr. Co., 10 South 18th St., for Scott-Powell Dairy Co., Inc., 40th and Parish Sts. Noted Sept. 16.

Pa., Pittsburgh — PLANT and WAREHOUSE — J. Murphy & Co., 51 Chatham St., 2 story and basement, 78 x 127 ft., concrete, brick and steel, to Austin Co., 16112 Euclid Ave., Cleveland, O. Archts. est. $40,000.

Pa., Pittsburgh — PLANT — Vulcan Detinning Co., Neville Island, Pittsburgh, gen-

Buildings—Industrial (Continued)

eral contract 1 story, 60 x 100 ft., brick and steel addition, here, to Austin Co., 1211 Euclid Ave., Cleveland, O. Archts. est. $40,000.

N. C., Badin—POWER PLANT, etc.—Tallahassee Power Co. (subsidiary of Amer. Aluminum Co.), hydro-electric plant, incl. 1,200 ft. dam, 59 ft. high across Yadkin River, forming 19,000 acre lake, concrete piers, steel gates, developing 40,000 hp., at High Rock, to Southern Power Co., W. S. Lee, vice-pres. and ch. engr., 432 South Church St., Charlotte. Engrs. est. $12,000,000.

O., Cleveland — POWER HOUSE and GAS BLOWING ENGINE HOUSE—Amer. Steel & Wire Co., Rockefeller Bldg., 1 story, 72 ft. high, brick and steel addition, River Rd. and Bway., to D. Lowensohn, 8110 Woodland Ave. Archts. est. $75,000.

O., Cleveland — FACTORY — Cleveland Heater Co., L. Friedman, pres., 1900 West 112 St., 1 story, 100 x 250 ft., brick and steel addition, 1900 West 112th St., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $100,000. Noted Oct. 28.

O., Cleveland — FACTORY — Geometric Stamping Co., 221 East 131st St., 1 and 2 story, 115 x 137 ft., brick and steel addition, to Boldt-Rapp Co., 5511 Euclid Ave. Archts. est. $50,000.

O., Cleveland — FOUNDRY — Fanner Mfg. Co., Brookside Park Blvd., 1 story, 30 x 135 ft., brick and steel addition, to H. G. Slatmyer & Son Constr. Co., 208 Lakeside Ave. N. W. Archts. est. $40,000.

O., Columbus—REPAIR GARAGE—Dept. Hys. & Pub. Wks., Ohio-Hartman Bldg., 2 story and basement, 80 x 200 ft., brick and concrete, State Fair Grounds, to F. L. Matthaes, 453 Tulane Rd., $61,300. Noted Oct. 21.

O., Columbus—REPAIR GARAGE—West Broad Street Chevrolet Co., 1184 West Broad St., will build 2 story and basement, 52 x 130 ft., incl. 1 elevator, West Broad St. $40,000. Work will be done by separate contracts. H. J. Dauben, 5 West State St., archt.

O., Dayton—FACTORY—Inland Mfg. Co., Coleman Ave., 1 story and basement, 130 x 170 ft., brick, steel and rein.-con., Coleman Ave., to Frank Hill-Smith, Inc., Winters Bldg., $200,000.

O., Lancaster—POWER HOUSE and STACK—Dept. Pub. Welfare, Oak and 9th Sts., Columbus, J. E. Harper, dir., 1 story, 60 x 150 ft. power house for Boys' Industrial School, here, to Henry & Burkey, Lancaster, $39,200; also brick stack, 252 ft. high, to Alphonse Custodis Chimney Corp., 140 South Dearborn St., Chicago, Ill., $10,000. Noted Oct. 21.

Ind., Veedersburg—CAR DOOR HANGER PLANT—Globe Ry. Equipment Co., Ry. Exch. Bldg., St. Louis, Mo., will build 1 story, 60 x 150 ft. foundry, and 2 story, 60 x 200 ft. plant, both brick and steel, concrete foundations, by day labor, under supervision of Larkin Eng. Co., engrs., Granite Bldg., St. Louis, Mo.

Ill., Chicago — WAREHOUSE — Natl. Radiator Co., 1038 South Kolmar Ave., 1 story, 130 x 204 ft., brick, 2451-61 North Keeler Ave., to Mutual Constr. Co., 2532 Warren Ave. Archts. est. $60,000.

Wis., La Crosse — LAUNDRY — W. E. Bennett, archt., 306 Batavian Bank Bldg., 1 story and basement, 93 x 172 ft., brick and concrete, plain foundation, to J. E. Wallace, 1117 Division St., for Modern Steam Laundry Co., 312 State St. Archts. est. $50,000. Noted Sept. 16.

Wis., Milwaukee—GARAGE and SERVICE STATION—White Co., 842 East 79th St., Cleveland, O., 1 story and basement, 142 x 170 ft., brick and steel, plain foundation, Clybourn St., to Paul Riesens Sons, 1918 Humboldt Ave. Archts. est. $85,000. Noted Sept. 23.

Wis., Milwaukee — SERVICE — Grand Ave. Buick Co., 3521 Grand Ave., 2 story, 60 x 80 ft., brick and steel, plain foundation, to Coddington Engr. Corp., 290 3rd St. Archts. est. $40,000.

Wis., Mt. Horeb — REPAIR SHOP and SERVICE STATION—Mount Horeb Hardware Co., 2 story, 60 x 90 ft., rein.-con., brick and steel, plain foundation, to J. Buechner, Mt. Horeb. Archts. est. $50,000. Noted June 10.

Kan., Newton—RAIL MILL and FROG SHOP—Atchison, Topeka & Santa Fe R.R. Co., H. W. Wagner, ch. engr. (Eastern Lines), Topeka, 1 story, 80 x 100 ft. addition, here, to G. H. Seidhoff Constr. Co., Broadview Hotel, Wichita. Engrs. est. $50,000. Noted May 27.

Mo., Kansas City—GYPSUM PLANT—U. S. Gypsum Co., 205 West Monroe St., Chicago Ill., five 1 and 2 story, rein.-con., brick and steel mill, here, to Bickel Constr. Co., 903 Pioneer Trust Bldg. Archts. est. $500,000. Noted Mar. 25.

Mo., Springfield—BROOM FACTORY—Anchor Broom Mfg. Co., 608 West Chase St., J. W. Anderson, pres., general contract, 1 and 2 story and basement, 75 x 200 ft., rein.-con. and brick, George and Clay Sts., to G. F. Hentschel, 1211 South Pickwick St. Archts. est. $40,000.

Mo., St. Louis — FACTORY — Asbestos Shingle, Slate & Sheathing Co., Ambler, Pa., 1 story, 50 x 150 ft., concrete, brick and steel, Burlington R.R. tracks east of Bellefontain Rd., St. Louis Co., here, to Fruin-Colon Constr. Co., Merchants Laclede Bldg. Archts. est. $150,000.

Tex., Amarillo — POWER PLANT — Southwestern Pub. Serv. Co. (1st unit) concrete, brick and steel power house, incl. 836 hp. boilers, 5,000 kva. turbine, one 8,600 sq.ft. condenser, etc., to Day & Zimmerman, 16th and Walnut Sts., Phila., Pa., approximately $750,000. Total $1,500,000. Noted Aug. 12.

Tex., Wichita Falls—ICE PLANT—W. McKenzie, Sr., W. McKenzie, Jr., and R. H. Roark, will build 60 ton capacity ice plant, by day labor. $100,000. Private plans. Noted Sept. 9.

Calif., San Bernardino—ICE PLANT—Mountain Water Ice Co. will build 1 story, 45 x 90 ft. ice plant, rein.-con., 30 ton capacity, E St., by day labor. $60,000.

Que., Montreal — WAREHOUSE and COLD STORAGE PLANT — Montreal Rail & Harbor Terminal Ltd., 34 King St., Toronto, Ont., 10 story and basement, 173 x 216 ft., 600,000 sq.ft. floor space, rein.-con., Craig St. E., here, to Park-Lap, Inc., Toronto, Ont. $5,000,000. Noted July 29.

Ontario—POWER PLANT and PAPER MILL, etc.—Spruce Falls Power & Paper Co., 300 Bay St., Toronto, constructing dam, powerhouse, etc. at Smoky Falls on Mattagami River, developing 50,000 hp.; 80 mi. transmission line from Smoky Falls to Kapuskasing; also constructing model town, newsprint, sulphate and groundwood pulp mill at Kapuskasing, all rein.-con. and mass concrete, to Morrow & Beatty Ltd., 442½ George St., Peterborough. Engrs. est. $12,000,000. Noted May 6 under "Kapuskasing."

Buildings—Educational, Religious

Proposed Work

Me., Camden—LIBRARY—Town, c/o C. C. Loring, archt., 7 Water St., Boston, having preliminary sketches made 2 story library. $150,000.

Me., Waterville—RECREATION—Colby College, c/o H. T. Muzzy, archt., 173 Main St., having sketches made 2 or more story, womens recreation building, brick. $150,000.

Mass., Cambridge (Boston P. O.) — CHURCH — Society of Friends (Quaker Congregation), E. Trueblood, pastor, 14 Beacon St., Boston, plans church. $150,000. Engineer and architect not selected.

Mass., Everett (Boston P. O.)—SCHOOL—City, Schoolhouse Dept., Boston, having plans prepared by Funk & Wilcox, 26 Pemberton Sq., Boston, 3 story and basement, brick and limestone, plain foundation, South End, here. $185,000.

Mass., West Roxbury (Boston P. O.)—SCHOOL—City, Schoolhouse Dept., Boston, takes bids after Nov. 1, 2 story and basement, brick and limestone, plain foundation, Wren St., here. $150,000. G. N. Jacobs, 37 Bosworth St., Boston, archt. Noted Oct. 21.

R. I., North Providence — SCHOOL — Town, Supt. Schools, having preliminary plans prepared by W. R. Walker & Son, 49 Weybosset St., Providence, 2 story and basement, brick and stone, Allendale Dist. $150,000.

R. I., Providence—GYMNASIUMS—City, W. E. Hartwell, Comr. Pub. Buildings, City Hall, having preliminary plans prepared two 1 story and basement, brick, Courtland and Marshall Sts. $180,000. Private plans.

Conn., Cheshire — SCHOOL — Roxbury School, Inc., Main St., had plans prepared by T. O. Appel, 185 Church St., New Haven, 1 and 2 story and basement, 106 x 110 ft., brick, stone and steel addition. $150,000.

N. Y., Alexandria Bay—HIGH SCHOOL—Bd. Educ., C. Garlock, pres., having plans prepared by A. F. Gilbert, 358 5th Ave., New York City, brick, steel and stone, plain foundation, Bolton Rd., here. $250,000.

N. Y., Mineola — SCHOOL — Bd. Educ. having plans prepared by Tooker & Marsh, 101 Park Ave., New York City, 2 story, 125 x 350 ft., brick, steel and stone, plain foundation, incl. steam heating, here. $200,000. J. F. Musselman, 101 Park Ave., New York City, engr.

N. J., Jersey City—NURSES HOME—Christ Hospital, 176 Palisade Ave., having plans prepared by J. T. Rowland, Jr., 100 Sip Ave., 4 story, 87 x 96 ft. nurses home, $200,000; also remodeling power house, incl. two 75 hp. boilers, etc., $15,000. Noted Apr. 22.

N. J., Westfield—SCHOOL—Bd. Educ., H. Berg, chn. building com., having plans prepared by Wilder & White, 16 East 41st St., New York City, brick, steel and stone, plain foundation, Myrtle Ave. $250,000.

Pa., Phila.—CHURCH—First Christian Church, c/o R. Benckert, archt., 13th and Chestnut Sts., having plans prepared and

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Buildings—Educational, Religious (Cont.)

soon takes bids 1 story and basement, 90 x 200 ft., steel and stone, plain foundation, 10th St. and North East Blvd. $175,000.

Pa., Wilkinsburg—SCHOOL—Bd. Educ. having plans prepared by W. W. Williams, Freehold Bldg., Pittsburgh, 2 story and basement, irregular shaped, brick and steel, Laketon Rd. $250,000. Braziell & Anderson, Freehold Bldg., Pittsburgh, engrs.

Md., Kansas City—ART MUSEUM—City plans stone art museum. $1,000,000. Engineer and architect not selected.

Miss., Biloxi—SCHOOLS—Bd. Educ. having preliminary plans prepared and plans election soon, $200,000 bonds, schools.

Miss., Jackson—SCHOOLS—Plans election $200,000 bonds, schools. P. A. O'Brien, City Hall, engr.

La., Gretna—SCHOOL—Jefferson Parish Bd. Educ., V. A. Pitre, pres., soon takes bids 3 story, brick and concrete, pile foundation, incl. low pressure steam heating, $150,000. W. T. Nolan, Canal-Commercial Bldg., New Orleans, archt.

Ind., Evansville — CHURCH — St. Benedicts Catholic Church having plans prepared by E. J. Thole, 706 Furniture Bldg., brick and steel, 440 Bway. $200,000.

Wis., Madison—SCHOOL—University of Wisconsin, J. D. Phillips, bus. mgr., Administration Bldg., having plans prepared by Van Ryn & DeGelleke, 114 Grand Ave., Milwaukee, 3 story and basement, brick and concrete extension, plain foundation, State St. $150,000. Noted Mar. 26.

Wis., Milwaukee — HIGH SCHOOL — School Bd., F. M. Harbach, secy., had plans prepared by G. E. Wiley, c/o owner, and soon takes bids 3 story and basement, brick, steel and concrete addition to West Division High School, Prairie St. $200,000. Noted Feb. 25.

Wis., Wausau—CHURCH and SUNDAY SCHOOL—First Presbyterian Church, P. Erickson, pastor, 408 Grant St., having revised plans prepared by Childs & Smith, 720 North Michigan Ave., Chicago, Ill., and soon takes new bids 2 story and basement, stone and concrete, plain foundation. $200,000. Noted Sept. 16.

Mo., St. Louis—CHURCH and RECTORY—St. Georges Roman Catholic Congregation, c/o J. Sieber, pastor, 8203 Gravois Ave., having plans prepared by O'Meara & Hills, Arcade Bldg., 2 story and basement, rein.-con., brick and stone, Gravois Ave. near Heege St. $150,000.

Wash., Longview—SCHOOL—Bd. Educ. having plans prepared by W. B. Ittner, 911 Locust St., St. Louis, Mo., addition to high school, Olympic St. $300,000. Noted Sept. 23.

Calif., Los Angeles — SCHOOL — Bd. Educ. soon takes bids 3 story, 100 x 255 ft., rein.-con., pressed brick and terra cotta, addition, incl. 2 electric elevators, steam heating, Venice Blvd., for Los Angeles School Dist. $300,000. Noerenberg & Johnson, Railway Bldg., archts.

Calif., Oxnard — HIGH SCHOOL — St. Clare Parish Catholic Church having preliminary plans prepared by R. Montgomery, Chamber of Commerce Bldg., Los Angeles, 2 story, brick high school, 3rd and R Sts. $175,000.

Calif., Pasadena—CHURCH—First Congregational Church, had plans prepared by H. M. Patterson, Chamber of Commerce Bldg., Los Angeles, rein.-con. and steel, Los Robles Ave. and Walnut St. $350,000. Noted June 17.

Calif., Redlands — AUDITORIUM and COLLEGE — Redlands School Dist. having preliminary plans prepared by E. Bergstron, Citizens Natl. Bank Bldg., Los Angeles, high school auditorium, 1,500 seating capacity, and college annex. $375,000. Noted Oct. 28.

Calif., San Andreas—HIGH SCHOOL—Calaveras High School Dist. plans election $150,000 bonds, fireproof high school.

Calif., San Francisco—SYNAGOGUE—Central Orthodox Congregation, c/o W. I. Garren, archt., De Young Bldg., having plans prepared rein.-con., Grove St. near Steiner St. $150,000.

Calif., Ventura — HIGH SCHOOL — Ventura Junior High School Dist. plans forming district, for junior high school. To exceed $150,000.

Ont., Toronto—SCHOOL—Bd. Educ., 155 College St., having plans prepared by C. Dyson, 155 College St., technical school, 3 story and basement, rein.-con., brick and steel, plain foundation, incl. ventilating and steam heating system, Glendowyne Rd. $650,000.

Bids Desired

Mass., Cambridge (Boston P. O.) — SCHOOL and STORE — Manter Hill School, Inc., Holyoke St., taking bids 3

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story and basement, brick and limestone, plain foundation, Holyoke and Mt. Auburn Sts. To exceed $150,000. Adden & Parker, 177 State St., Boston, archts. Noted Oct. 28.

Pa., Lewistown—CHURCH—Trinity Reformed Church, 26 East Knepp St., 2 story and basement ,80 x 120 ft., stone and steel, plain foundation, here, to W. D. Steinbock, Lewistown.

Md., Baltimore — CHURCH, SUNDAY SCHOOL and GARAGE—Parker, Thomas & Rice, archts., Union Trust Bldg., 1 and 2 story, irregular shaped, stone, plain foundation, 39th and Charles Sts., to T. Hicks & Sons, 106 West Madison St., for First English Lutheran Church, M. L. Enders, pastor, 821 West Lanvale St. $150,000.

W. Va., Newell—HIGH SCHOOL—Bd. Educ., 1 story and basement, concrete and brick, Kenilworth St., to Potters Lumber Co., East Liverpool, O., $150,000. Noted Sept. 23.

O., Painesville — MUSIC — A. Garfield, archt., Natl. City Bldg., Cleveland, 2 story and basement, 59 x 147 ft., brick, steel and concrete, here, to Crowell & Little Constr. Co., Hanna Bldg., Cleveland, for Lake Erie College for Women. Archts. est. $200,000. Noted Oct. 14.

Neb., Omaha—NURSES HOME—Methodist Episcopal Hospital, 36th and Cumings Sts., 3 story and basement, 109 x 110 ft., brick, stone and concrete, incl. class rooms and laboratory, 36th and Cumings Sts., to P. Kiewetts Sons, Omaha Natl. Bank Bldg. $135,000. Noted Aug. 12.

Ont., Toronto—CHURCH—St. Brigdens Roman Catholic Church, Milverton Blvd., general contract concrete, brick, stone, tile and marble, to Gatehouse Bros., 81 Victoria St. Archts. est. $160,000.

Mass., Chicopee — SCHOOL — Roman Catholic Diocese of Springfield, St. Rose Parish, A. Lamothe, pastor, taking bids 2 story and basement, brick and stone, Gratton St. $150,000. J. W. Donohue, 1242 Main St., Springfield, archt.

N. Y., Syracuse—SCHOOLS—Nov. 8, by Bd. Contr. & Supply, City Hall, 1st and 13th Ward Extensible Type Schools, 2 story and basement, 105 x 250 ft., brick and rein.-con., plain foundation, Lemoyne St. and Glenwood Sts., $300,000 each. Separate bids on heating, ventilating, etc. N. F. Pitts, City Hall, engr. A. L. Brockway, 3rd Natl. Bank Bldg., archt.

N. J., Princeton — DORMITORY — Nov. 10, by Day & Klauder, archts., Franklin Natl. Bank Bldg., Phila., Pa., 3 story and basement, 30 x 115 ft. and 30 x 119 ft., brick, steel and stone, plain foundation, here, for University of Princeton, here. Noted July 22.

O., Cleveland — SCHOOL — Nov. 22, by Bd. Educ., East 6th St. and Rockwell Ave., F. G. Hogen, dir., altering 3 story and basement, steel and concrete, East 71st St. and Hough Ave. $200,000.

O., Rocky River—SCHOOL—Nov. 29, by Bd. Educ., K. K. Hastings, pres., brick, steel and concrete, Center Ridge Rd. $175,000. Former bids rejected. Fulton & Taylor, 8120 Euclid Ave., Cleveland, archts. Noted Oct. 28.

Mich., Detroit—SCHOOL—Nov. 10, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway. Ave.; 2 story and basement, 147 x 180 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system, Rohns Ave. $336,600. Malcolmson & Higginbotham, 1217 Griswold St., archts.

Mich., Detroit—SCHOOL—Nov. 12, by C. A. Gadd, bus. mgr. Bd. Educ., 2 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Conant and Charles Aves. $600,000. Donaldson & Meier, Penobscot Bldg., archts.

Wis., Milwaukee—SCHOOL—Nov. 6, by Eschweiler & Eschweiler, archts., 210 Mason St., 3 story and basement, 62 x 97 ft., and 20 x 32 ft., brick, tile and concrete, plain foundation, 35th St., for St. Thomas Aquinas Congregation, 676 36th St. $175,000. Noted Oct. 21.

Wis., Racine—HIGH SCHOOL—Nov. 18 (extended date), by Bd. Educ., A. H. Schafer, secy., for Horlick High School, 2 and 3 story, brick, tile and concrete, North Side. $350,000. J. M. Matson, Baker Blk., archt. Noted Sept. 30.

Calif., Oakland—SCHOOL—Nov. 9, by Bd. Educ., 1 story, steel and concrete addition to Elmhurst School. $220,000. J. J. Donovan, 1916 Bway., archt.

Ont., Belleville—COLLEGIATE—Nov. 15, by Bd. Educ., A. McGie, chn., 208 Front St., 3 story and basement, 60 x 220 ft., brick, stone and terra cotta, incl. auditorium and gymnasium. $350,000. Thomas & Johnson, 224 Front St., archts.

Bids Received

Conn., Stamford — HIGH SCHOOL — School Comn., Oct. 25, general contract, 2 story and basement high school, from Genovese & Rich, Washington Bldg., $607,494; heating system, from Holyoke Supply Co., 296 Race St., Holyoke, $76,500; plumbing, from J. F. McNamara Co., 43 Atlantic St., $33,500; and heating and plumbing combined, from Richards & Jessup Co., 27 Summer St., $115,647. Noted Sept. 23.

Minn., St. Paul—SCHOOL—Bd. Educ., L. R. S. Ferguson, comr., Endicott Bldg., Oct. 19, general contract 3 story and basement, rein.-con. and brick, incl. heating etc., Cambridge and Grand Aves., from Swenson & Hakanson, 914 Builders Exch. Bldg., $203,615. Noted Dec. 3.

Contracts Awarded

N. J., New Brunswick — CHURCH and CHAPEL—Second Reformed Church, H. S. Demarest, pastor, brick, steel and stone, plain foundation, College Ave., here, to W. M. Connelly, 14 Handy St. Archts. est. $150,000. Noted Sept. 16.

N. J., Vineland — CHURCH — Sacred Heart Roman Catholic Church, 1½ story, 75 x 175 ft., rein.-con., steel and granite, plain foundation, incl. steam heating, to J. F. Hallahan, 2315 Walnut St., Phila., Pa.

Pa., Allentown—SCHOOL—Sacred Heart Hospital, 421 Chew St., 3 story and basement, 66 x 120 ft., rein.-con., stone and steel, plain foundation, here, to Ochs Constr. Co., 440 Wire St., Allentown.

Federal Government Work

Proposed Work

Wyo., Sheridan — Waterproofing — U. S. Veterans Hospital, Arlington Bldg., Wash., D. C., received no bids Oct. 26, waterproofing reservoir at U. S. Veterans Hospital 86, Fort MacKenzie, here. Noted Sept. 30.

Bids Desired

D. C., Wash.—Generator—Spec. 5293—Nov. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., 150 kw. engine driven generator, installed on foundation provided by owner, at Naval Hospital, here; adv. E. N.-R. Nov. 4.

Ky., Louisville—Powerhouses—Nov. 10, by U. S. Engineer Office, P. O. Box 72, powerhouses at Dams 47 and 51, in Ohio River; adv. E. N.-R. Nov. 4.

Tex., Point Isabel—Rip Rap, etc.—Nov. 22, by U. S. Engineer Office, Galveston, 19,000 tons rip rap and block stone, Cameron Co., here; adv. E. N.-R. Nov. 4. Noted Sept. 9.

Bids Received

Conn., New London—Fire Protection—Spec. 5260—Bureau Yards & Docks, Navy Dept., Wash., D. C., Oct. 27, foam fire protection for oil reservoirs at Naval Submarine Base, here, from Almiral & Co., 66 West Bway., New York City, N. Y., $15,707. Noted Oct. 28.

N. Y., Brooklyn—Alterations—Spec. 5287—Bureau Yards & Docks, Navy Dept., Wash., D. C., Oct. 27, altering main building and building 4, at Naval Hospital, here, from B. Diamond, 60 Bergen St., $15,400. Noted Oct. 21.

N. J., Newark—Dredging—U. S. Engineer Office, 2nd Div., Army Bldg., New York City, dredging in Newark Bay, here, from Atlantic Gulf & Pacific Co., 15 Park Row, New York City, at $0.1589 per yd., total $38,294. Noted Sept. 30.

Md., Baltimore—Dredging—U. S. Engineer Office, Oct. 18, dredging in Baltimore Harbor and channels, from Arundel Corp., Pier 2, Pratt St., at $0.165 per yd., total $396,000. Noted Sept. 16.

N. C., Cape Fear (mail Lillington) — Quarantine Station, etc.—Treas. Dept., at office Supervising Archt., Wash., D. C., quarantine station, wharf and gangway, here, from D. St. George, Southport, $8,240.

Miss., Gulfport—Sand Fill—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., 55,000 cu.yd. sandfill at U. S. Veterans Hospital, here, from J. Jacobson, 2311½ C St., Galveston, Tex., **(1a)** $0.63 **(1b)** $0.52 **(1c)** $0.45 **(1d)** $0.40 and **(1e)** $0.36. Noted Oct. 7.

Colorado—Road—J. W. Johnson, dist. engr., 301 Custom House Bldg., Denver, Oct. 20, grading 5.83 mi. Tennessee Pass, Surfacing Sect. Natl. Forest Road Project.

Federal Government Work (Continued)

Lake and Eagle Counties, from Hinman Bros. Constr. Co., 3358 Race St., Denver, $42,947. Noted Oct. 14.

Colo., **Denver**—Hoists, etc.—Bureau Reclamation, 2 automatic gate hangers for sluice gates, at Guernsey Dam, North Platte Project, Nebraska-Wyoming, and 2 at emergency gates at McKay Dam, from Ogden Iron Wks., $1,626. Noted Sept. 16.

Idaho, Boise—Refrigerating Plant—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., Oct. 26, refrigerating plant at U. S. Veterans Hospital, here, from Edwards Ice Mchy. & Supply Co., 2223 1st St., Seattle, Wash., $3,795. Noted Sept. 30.

Unclassified

Proposed Work

Track—Dorchester (Boston P. O.) **Mass.**—Boston Elevated Ry. Co., 31 St. James Ave., Boston, plans track along Bay St. and connecting lines, here. $25,000. Private plans.

Tunnel — Dorchester (Boston P. O.), **Mass.**—City, Transit Dept., 1 Beacon St., Boston, plans extending Dorchester Tunnel from Andrew Sq. along Columbia Rd. to corner Blue Hill Ave. To exceed $25,000. E. R. Springer, Transit Dept., engr.

Dock, etc.—New Brunswick, N. J.—City Comn. plans dock and warehouses along Raritan River. $250,000.

Pier, etc.—Ocean City, N. J.—Gietz-Kassab Co. plans 100 x 500 ft. pier, and 80 x 250 ft. building. Engineer not selected.

Parks and Playgrounds—Jackson, Miss.—Plans election $65,000 bonds, parks and playgrounds. P. A. O'Brien, City Hall, engr.

Base Ball Park—Indianapolis, Ind.—Indianapolis Base Ball Club, c/o W. C. Smith, pres., 218 North State St., plans single deck, rein.-con., and steel grand stand, 17,500 seating capacity, Oliver Ave. and White River. $350,000. Engineer and architect not selected.

Fair Grounds—Indianapolis, Ind.—State Bd. Agriculture, State House, making preliminary plans grand stand $250,000, horse barn $30,000, administration building $50,000, Indianapolis University $40,000, Red Cross $10,000, and chicken building $20,000, all above at Indiana State Fairgrounds. Kopf & Deery, Indianapolis Pythian Bldg., archts.

Bleachers—Muskegon, Mich.—Bd. Educ., Hackley School, plans rein.-con. bleachers, Hackley Athletic Field, High School and Junior College Campus, Sanford and Jefferson Sts. $60,000. I. Iverson, Hackley School, engr.

Swimming Pool—Milwaukee, Wis.—See "Buildings—Commercial."

Transmission Line — Oklahoma — Southwestern Light & Power Co., Braniff Bldg., Oklahoma City made plans 24 mi. 22,000 volt transmission line from Bessie to Weatherford. $45,000. E. R. Ernsberger, Braniff Bldg., Oklahoma City, engrs.

Transmission Line — Oklahoma—Oklahoma Gas & Electric Co., W. R. Emerson, secy., Insurance Bldg., Oklahoma City, made preliminary plans 20 mi. 22,000 volt transmission line from Wilson to Healdton. $40,000. Byllesby Eng. Co., 231 South La Salle St., Chicago, Ill., engrs.

Oil Engine—Anadarko, Okla.—Election Nov. 23, $40,000 bonds, new 500 hp. diesel oil engine and generator for city light plant. H. E. Musson & Co., Grain Exch. Bldg., Oklahoma City, engrs.

Gas System—Kingfisher, Okla.—R. McGreer plans natural gas system, incl. 25,000 ft. 4 in. steel pipe. $40,000. Engineer not selected.

Furnaces, etc.—Bishop, Calif.—State Hy. Comn., Forum Bldg., Sacramento, provided $2,500 funds purchasing heating furnaces and tools for division shop, here. R. M. Morton, Sacramento, engr.

Lighting System—Los Angeles, Calif.—Making plans lighting system of pressed steel and concrete parts on Beverly Blvd. and La Jolla Ave. J. C. Shaw, City Hall, engr.

Street Lighting System—Modesto, Calif.—Making plans ornamental street lighting system in western section. $60,000. F. W. McCarton, city engr.

Tunnel—Santa Monica, Calif.—City making estimates 1,200-1,500 ft. tunnel under Washington Hill. To exceed $150,000.

Entrance—Toronto, Ont.—Canadian Natl. Exhibition, Lumsden Bldg., making plans new stone, brick and iron entrance to Exhibition Park from Strachan Ave., incl. grading, lighting, etc., $200,000. Private plans.

Subway—Walkerville, Ont.—Town and Canadian Pacific Ry., J. M. R. Fairbairn, ch. engr., Windsor Sta., Montreal, plans subway under Canadian Pacific Ry. tracks, at Walker Rd., here. $85,000. Noted June 3.

Bids Desired

Borings — Massachusetts — Nov. 5, by Metropolitan Dist. Comn., Boston, 2,200 lin. ft. wash and core borings in West Boylston, Holden, Rutland, Oakham, Barre and Hardwick. F. E. Winsor, Water Div., engr.

Terminal — New London, Conn. — See "Contracts Awarded."

Coal and Ash Handling Machinery—Chicago, Ill.—Nov. 10, by Dept. Pub. Wks., Room 406, City Hall, fabricating, furnishing, delivering, unloading and erecting coal and ash handling machinery with all accessories, at Western Avenue Pumping Station, 49th St. and Western Ave. A. A. Sprague, comr.

Storage Tanks, etc. — Amarillo, Tex. — Tyler Oil Corp., Old Post Office Bldg., taking bids probably steel storage tanks, oil rigs and drilling wells, etc. $75,000. Private plans.

Bids Received

Heating, etc.—Middletown, N. Y.—State Hospital Comn., Capitol, Albany, Oct. 27, heating work, boiler and equipment in Middletown State Hospital, here, from J. J. Thurner, Box 87, Proposal (1) $32,485 (2) $31,200, (3) $25,100 and (4) $23,500. Noted Oct. 7.

Balustrade — New York, N. Y. — Dept. Parks, Park Bd., Arsenal Bldg., Central Park, F. D. Gallatin, pres., Oct. 26, artificial granite balustrade and base course on top present bulkhead wall along easterly boundary of Harlem River Driveway, from Ascher Eng. & Constr. Co., 1457 Bway., $63,400. Noted Oct. 21.

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Oct. 29, constructing Sect. 5, Route 101, under 6th Ave. and Greenwich Ave. from West 3rd to Bank Sts., from Oakdale Contg. Co., Harris and East Aves., Long Island City (unofficial) $8,839,672. Noted Oct. 21.

Contracts Awarded

Terminal—New London, Conn.—Beacon Oil Co., 111 Devonshire St., Boston, Mass., will build terminal, here. Work will be done by separate contracts. Private plans. Noted Sept. 30.

Elevated Line — Brooklyn, N. Y. — Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, Sect. 6F, Route 8, connecting 14th St. Route with Bway. Elevated System of Rapid Transit R.R., here, to Gotham Constr. Corp., 50 Church St., New York City, $229,743. Noted Oct. 21.

Entrance, etc.—New York, N. Y.—Bd. Transportation, J. H. Delaney chn., 49 Lafayette St., relocating entrance and passageway, Canal St. Station, on 7th Ave.-Lexington Ave. Rapid Transit R.R. Agreement "ET," to Pattelli & Wilson, Inc., 6011 12th Ave., Brooklyn, $116,800. Noted Oct. 21.

Subway — Cincinnati, O. — See "Streets and Roads."

Overhead Crossing — Wisconsin — See "Streets and Roads."

Relining Tunnel—Cricket, Ark. — Missouri Pacific R.R. Co. Ry. Exch. Bldg., St. Louis, Mo., relining tunnel near here, to Gunite Constr. Co., 114 West 10th St., Kansas City, Mo., approximately $83,500.

Gas Pipe Line—Texas—Texas Gas Co., c/o W. W. Graves, Amarillo, digging ditch, 42 mi. 8 in. pipe line, etc., to R. Irick, Plainview, and Dalrymple & Moroe, Lubbock, approximately $110,000; 70 mi. 12 in. main line from Panhandle to Swisher Co. line, to Connor & Johnson, Kansas City, Mo., approximately $90,000; and natural gas distributing systems in Canyon, Happy, Tulia, Kress, Plainview, Hale Center, Abernathy, Lubbock, Slaton, etc., to Williams Bros. & Co., Oklahoma City, Okla., approximately $200,000.

Trucking Tunnel — Seattle, Wash. — Harlan, Thomas & Clyde Grainger, archts., Arcade Bldg., constructing trucking tunnel 17 ft. wide and 12 ft. high, under 1st Ave. between Arcade Sq. and Vendome Hotel, for transporting materials for Arcade Square addition, to P. Woeck, Arcade Bldg., for Rhodes Dept. Store, 1321 2nd St. $45,000.

Lighting System — Alhambra, Calif. — Ornamental lighting system on South Curtis St., etc., to Underground Constr. Co., 2210 Hyperion St., Los Angeles, $29,825. Noted Sept. 30.

Lighting System—Beverly Hills, Calif.—Ornamental lighting system in Santa Monica Blvd., Brighten Way, Camden, Linden, Bedford and Roxburg Drs., to Los Angeles Electric Works, 1128 South Los Angeles St., Los Angeles, $34,485.

Lighting System—Los Angeles, Calif.—Ornamental lighting system on Hollydale Ave., to Los Angeles Electric Wks, 1130 South Los Angeles St., A. & I. 40; $33,526 and to Robertson Electric Co., 303 North Main St., Santa Ana, A. & I. 32 $46,414.

Lighting System—Los Angeles, Calif.—Los Angeles Co., ornamental street lighting system on White Ave., Co. Impvt. 537, to H. N. Jackson, 414 South Myrtle Ave., $25,174.

Train Shed—St. John, N. B.—Canadian Natl. Ry. Co., Montreal, Que., W. U. Appleton, genl. mgr., Atlantic Region, general contract brick and steel train shed, plain foundation, here, to Standard Constr. Co., Ltd., P. & B. Wharf, Halifax, N. S. Engrs. est. $200,000.

Transmission Line—Ontario—See "Buildings—Industrial."

Coaling Plant — Paris, Ont. — Canadian Natl. Ry., T. T. Irving, ch. engr., New Union Sta., Toronto, constructing 300 ton coaling plant, rein.-con., to Norman McLeod Ltd., 897 Bay St., Toronto. Engrs. est. $30,000.

Subway—Toronto, Ont.—Canadian Natl. Ry., T. T. Irving, ch. engr., New Union Sta., constructing 3 track subway, steel girders, concrete abutments, to Roger Miller & Sons Ltd., Lumsden Bldg. Engrs. est. $25,000.

Tunnel—Toronto, Ont.—Dept. Pub. Wks., Parliament Bldgs., 300 ft. tunnel between Parliament Buildings and New Ontario Government Offices, to Jackson Lewis Constr. Co., Federal Bldg. $35,000.

Materials

Bids Desired

Iron Castings—New Haven, Conn.—Nov. 15, by N. M. Rice, vice-pres., New York, New Haven & Hartford R.R. Co., requirements of malleable iron castings to Spec. No. 7-C, ordered as required during period beginning Dec. 1, 1926 and ending Dec. 31, 1927.

Cable—New York, N. Y.—Nov. 8, by A. Goldman, comr. Plant & Structures, Municipal Bldg., installing lead covered cable, along 10th and Amsterdam Aves.

Railroad Crossings, Frogs, etc.—Phila., Pa.—Nov. 12, by Montgomery Smith, pur. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., railroad crossings and frogs, Contr. 60—1926. A. C. Shand, Broad St. Sta., ch. engr. for railroad.

Recropping Rails—Phila., Pa.—Nov. 12, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., recropping rails, Contr. 61-1926. A. C. Shand, Broad St. Sta., ch. engr. for railroad.

Heating System Material—Chicago, Ill.—Nov. 8, by Dept. Pub. Wks., Room 406, City Hall, material for heating system at Western Avenue Pumping Station, 49th St. and Western Ave. A. A. Sprague, comr.

Offset Bends—Chicago, Ill.—Nov. 5, by Dept. Pub. Wks., Room 406, City Hall, 50 tons c.i. offset bends for 6, 8 and 12 in. water pipe at various City Pipe Yards. A. A. Sprague, comr.

Contracts Awarded

Cement, etc. — New York, N. Y. — H. Bruckner, pres. Bronx Boro., Crotona Park, 3rd and Tremont Ave., 3,000 bags portland cement, to J. A. McCarthy, 551 Exterior St., $2,010; 3,000 cu.yd. coal ashes, to Highbridge Supply Co., Harlem River and 169th St., $3,600; street signs to Municipal Street Sign Co., 287 Bway., $7,382; and 1,000 cu.yd. binder stone, to New York Trap Rock Co., 101 Park Ave., $2,100. Grand total $15,092. Noted Oct. 28.

Cement—St. George, N. Y.—J. J. Lynch, pres. Richmond Boro, Boro Hall, portland cement, paving sand, etc., to Joseph Johnson's Sons, 455 Bway., West New Brighton, $3,745. Noted Sept. 14.

Concrete—St. George, N. Y.—J. J. Lynch, pres. Richmond Boro, 600 tons bituminous concrete, to C. F. Atteer, 489 Bay St., $9,000. Noted Oct. 28.

Oil—New Jersey—State Hy. Comn., Trenton, 35,300 gal. asphaltic oil, Grade HK, in metal or wooden containers, to Warner Quinlan Co., 26 Beaver St., New York City, N. Y. $5,547. Noted Oct. 21.

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